pdp11

digital

ME11-L
core memory system engineering drawings

digital equipment corporation · maynard. massachusetts

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

	SEQUENCE
MODULE UTILIZATION	D-MU-ME11-L-01
16 BIT 18 MIL MEMORY	B-DD-MM11-L
REGULATOR BOARD	E-IA-5409728-YA-0
CIRCUIT SCHEMATIC	D-CS-5409728-YA-0
CIRCUIT SCHEMATIC	C-CS-5409959-0-1
LINE SET BC05H	B-DD-BC05H-0
AC INPUT HARNESS	E-IA-7008889-0-0
HARNESS D.C.	D-IA-7008857-0-0
UNIT ASSY ME11-L	D-UA-ME11-L-0
POWER SUPPLY ASSY	D-AD-7008731-0-0
POWER SUPPLY ASSY (PL)	A-PL-7008731-0-0
SOFTWARE LIST	A-SL-ME11-L-4
ACCESSORY LIST	A-AL-ME11-L-3

SEQUENCE

UNIT VARIATIONS

VARIATION	TITLE	PRINT SET TYPE ME11-L
ME11-LB	UNIT ASSY ME11-L (60 HZ)	X
ME11-LA	UNIT ASSY ME11-L (50 HZ)	X

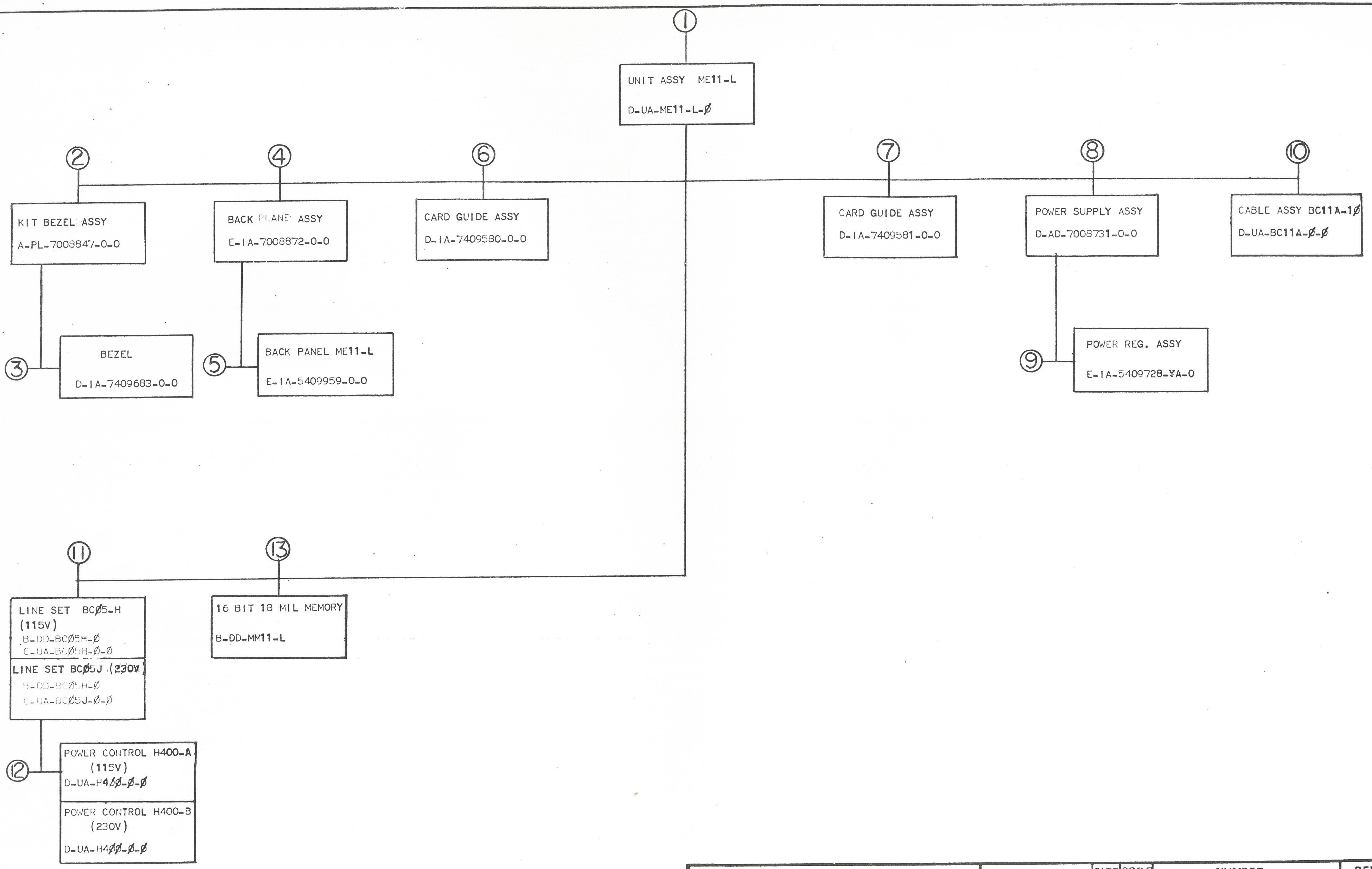
REVISIONS	
REV	A
CHG. NO.	ME11L-00001
DATE	[illegible]

USED ON OPTION/MODEL

DRN. C.B. MCCOY	DATE [illegible]-16-72	TITLE	ME11-L
CHK'D.	DATE 2-15-72		
PROJ ENG.	DATE 4-10-72		
PROD.	DATE [illegible]	SIZE B	CODE DD
FIELD SERV.	DATE 1-11-72	NUMBER ME11-L	REV A
SHEET 1 OF 4		DIST	C

DRB 106

DEC 16-(325)-1062-1-N871



TITLE ME11-L	SHEET 2 OF 4	SIZE B	CODE DD	NUMBER ME11-L	REV A

DRB 107

DEC 16 (325)-1062-3-N871

ELECTRICAL

CUSTOMER PRINT SET ME11	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X		1	E-IA-7008889-0-0	A	1	AC INPUT HARNESS	
X			D-IA-7008857-0-0	#	1	DC HARNESS ASSY	
X			A-AL-ME11-L-3	A	1	ME11-L ACCESSORY LIST	
X			A-SL-ME11-L-4		1	ME11-L SOFTWARE LIST	
X			D-MU-ME11-L-01	A	1	MODULE UTILIZATION	
		5	E-IA-5409959-0-0		1	BACK PNL ASSY ME11-L	
X			C-CS-5409959-0-1	A	2	CIRCUIT SCHEMATIC	
			K-WL-7008872-0-1		1	ETCH/WIRE LIST (ME11-L)	
X		8	D-AD-7008731-0-0	#	2	POWER SUPPLY ASSY	
X			A-PL-7008731-0-0	#	1	POWER SUPPLY ASSY (PL)	
X		9	E-IA-5409728-YA-0	#	1	POWER REGULATOR ASSY	
X			D-CS-5409728-YA-0	#	1	CIRCUIT SCHEMATIC	
		10	D-UA-BC11A-0-0			CABLE ASSY (BC11A-10)	
		11	C-UA-BC05H-0-0		1	LINE SET BC05H (115V)	
			C-UA-BC05J-0-0		1	LINE SET BC05J (230V)	
		12	D-UA-H400-0-0	#	1	POWER CONTROL H400	
			C-IA-5409825-0-0		1	POWER CONTROL BOARD	
			C-IA-5409824-0-0		1	POWER CONTROL BOARD	
C		13	B-DD-MM11-L	#	3	16 BIT 18 MIL MEMORY	
			A-PL-MM11-L		1	16 BIT 18 MIL MEMORY (PL)	

MECHANICAL

CUSTOMER PRINT SET ME11	MFG SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X		1	D-UA-ME11-L-0	A	2	UNIT ASSY ME11	
			E-IA-7409458-0-0		4	CHASSIS	
			D-IA-7409463-0-0		1	FAN MOUNTING PLATE	
			C-IA-7409476-0-0		1	RET CONN BLOCK (L.H.)	
			C-IA-7409557-0-0		1	RET CONN BLOCK (R.H.)	
			D-IA-7409459-0-0		1	BRKT CHASSIS SLIDE (L.H.)	
			C-IA-7409449-0-0		1	BRKT CHASSIS SLIDE (R.H.)	
			D-IA-7409583-0-0		1	COVER, SLIDE	
			C-MD-7409460-0-0		1	COVER, TOP	
			D-PS-1210931-0-0		1	BLOCK, CABLE RETAINER	
			C-MD-7409482-0-0		1	PLATE, LOWER RETAINER	
			C-MD-7409480-0-0		1	NUT, SWIVEL	
			C-MD-7409479-0-0		1	PLATE, PRESSURE	
			D-IA-7008857-0-0		1	HARNESS D.C.	
			E-IA-7008889-0-0		1	AC INPUT HARNESS	
			DEC3-(387)-1507-N472		1	LABEL (MU)	
			A-AL-ME11-L-3		1	ME11-L ACCESSORY LIST	
			A-SL-ME11-L-4		1	ME11-L SOFTWARE LIST	
			A-PI-3700062-0-0		2	PACKAGING INSTRUCTIONS ME11/L	
		2	A-PL-7008847-0-0		1	KIT BEZEL ASSY	
		3	D-IA-7409683-0-0		1	BEZEL	
			C-SC-1209176-1-0		1	INLAY	
			1209226		1	BEZEL SNAP ON 5 1/4	
		4	E-AD-7008872-0-0		1	BACK PLANE ASSY (ME11-L)	
			5409959-0-5		1	ASSY/DRILLING HOLE	
			5409959-0-4		1	X-Y COORDINATE HOLE LOCATION	
			5409959-0-6		1	MODULE ECO HISTORY	
			C-MD-7409473-0-0		1	BRKT, CONN BLOCK BOTTOM	
			C-MD-7409475-0-0		1	BAR, RIGHT SUPPORT	
			D-MD-7409471-0-0		1	BRKT. CONN BLOCK TOP	
			E-PS-1210[illegible]-0-0		1	[illegible] PIN CONN (H863)	
			D-SC-1210834-0-0		1	360 PIN CONN	
			C-MD-7409474-0-0		1	BAR, LEFT SUPPORT	

TITLE		SIZE	CODE	NUMBER	REV
ME11-L	SHEET 3 OF 4	B	DD	ME11-L	

DRB 108
DEC-16-(325)-1062-2A-R272

CUSTOMER PRINT SET							SET	MECHANICAL					
ME11							MFG.	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
								5	E-IA-5409959-0-0	#	1	BACK PANEL (ME11-L)	
									E-CS-5409959-0-1		1	CIRCUIT SCHEMATIC	
								6	D-IA-7409580-0-0		1	CARD GUIDE ASSY (L.H.)	
									D-IA-7409566-0-0		1	SUPPORT, LEFT GUIDE	
									D-MD-7409553-0-0		1	CARD GUIDE (REWORK)	
								7	D-IA-7409581-0-0		1	CARD GUIDE ASSY (R.H.)	
									D-IA-7409462-0-0		1	SUPPORT RIGHT GUIDE	
									D-PS-1210700-0-0		1	GUIDE CARD	
								8	D-AD-7008731-0-0		2	POWER SUPPLY ASSY	
									A-PL-7008731-0-0		1	POWER SUPPLY ASSY (PL)	
									E-IA-5309816-0-0		1	CHASSIS POWER SUPPLY	
									D-IA-7008726-0-0		1	TRANSFORMER ASSY	
									C-MD-5309779-0-0		1	CONTACT COMMON CAPACITOR	
									C-MD-5309781-0-0		1	CONTACT CAPACITOR	
									C-IA-5309782-0-0		1	HOLDER CAPACITOR	
									C-MD-5309942-0-0		1	SCR HOLDER	
									D-PS-1210596-0-00		1	HEAT SINK	
								9	E-IA-5409728-YA-0		1	POWER REGULATOR ASSY	
									5009728		1	ETCH BOARD	
									B-MH-5409728-0-6		1	MODULE ECO HISTORY	
									K-CO-5409728-0-4		1	X-Y COORDINATE HOLE LOCATION	
									D-CS-5409728-YA-1		1	CIRCUIT SCHEMATIC	
								10	D-UA-BC11 -0-0			CABLE ASSY BC11A-10	

CUSTOMER PRINT SET							SET	MECHANICAL					
ME11							MFG	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
								11	D-UA-BC05H-0-0			LINE SET BC05H (115V)	
									D-UA-BC05J-0-0			LINE SET BC05J (230V)	
C									B-DD-BC05H-0	#		LINE SET	
								12	D-UA-H400-0-0		1	POWER CONTROL H400	
									A-PL-H400-0-0		1	POWER CONTROL (PL)	
									C-MD-5309849-0-0		1	COVER AC INPUT	
									D-IA-5309845-0-0		1	BOX AC INPUT	
									C-IA-5409825-0-0		1	POWER CONTROL BOARD (230V)	
									C-IA-5409824-0-0		1	PWR CONTROL BOARD (115V)	
									A-DC-5309899-0-0		1	POWER CONTROL DECAL (115V)	
									A-DC-5309900-0-0			POWER CONTROL DECAL (230V)	

TITLE		SIZE	CODE	NUMBER	REV
ME11-L	SHEET 4 OF 4	B	DD	11-L	A

DPB 108

DEC [illegible]

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

DRAWING DIRECTORY

ECO No. ME11L - 00003 Sheet 2 of 9

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

	SEQUENCE
MODULE UTILIZATION	D-MU-ME11-L-01
16 BIT 18 MIL MEMORY	B-DD-MM11-L
REGULATOR BOARD	E-IA-5409728-0-0(REV. D OR LATER)
CIRCUIT SCHEMATIC	D-CS-5409728-0-0(REV D.OR LATER)
CIRCUIT SCHEMATIC	C-CS-5409959-0-1
LINE SET BC05H	B-DD-BC05H-0
AC INPUT HARNESS	E-IA-7008889-0-0
HARNESS D.C.	D-IA-7008857-0-0
UNIT ASSY ME11-L	D-UA-ME11-L-0
SOFTWARE LIST	A-SL-ME11-L-4
ACCESSORY LIST	A-AL-ME11-L-3

SEQUENCE

UNIT VARIATIONS

VARIATION	TITLE	PRINT SET TYPE ME11-L					
ME11-LB	UNIT ASSY ME11-L (60 HZ)	X					
ME11-LA	UNIT ASSY ME11-L (50 HZ)	X					

REVISIONS

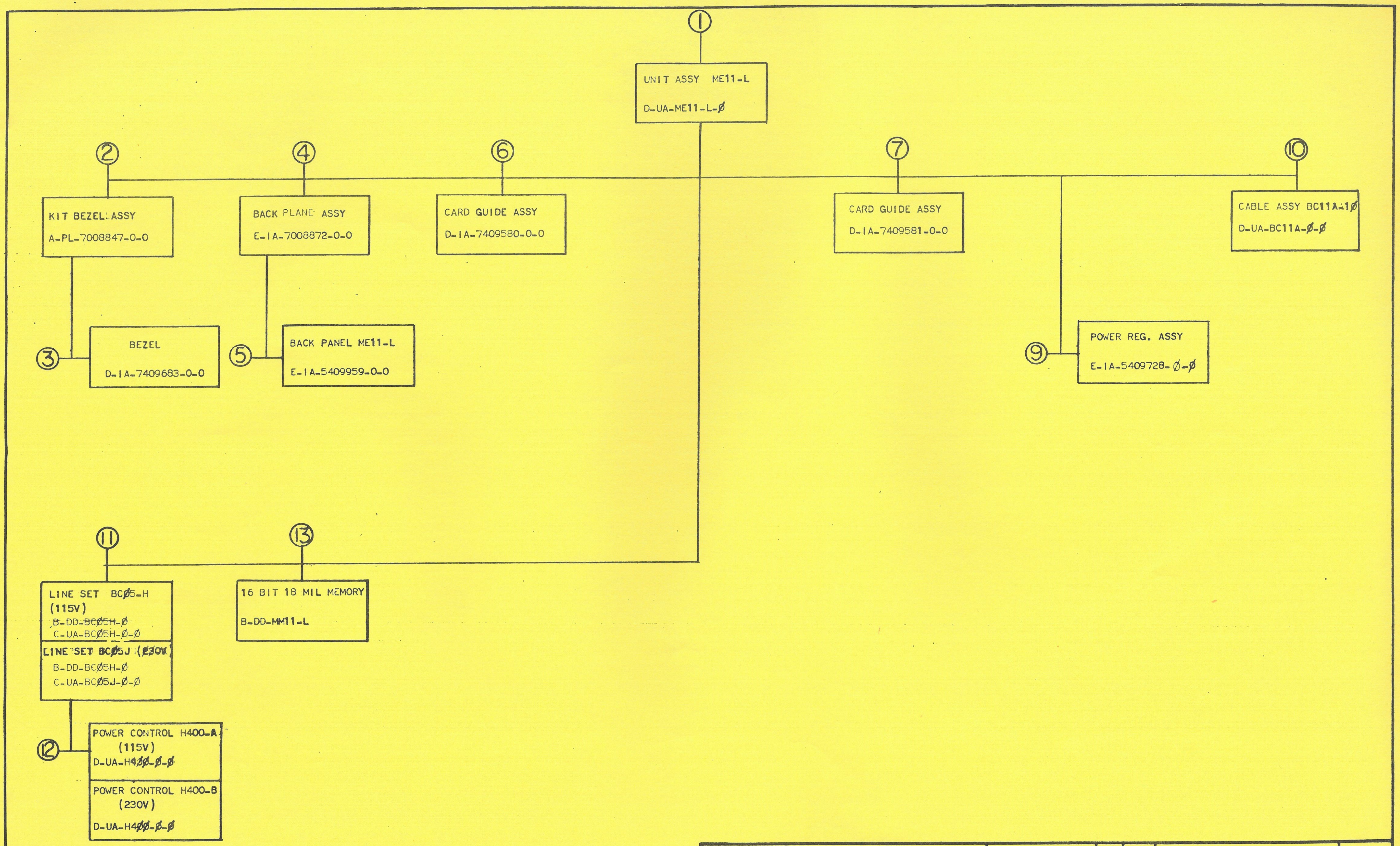
DATE	CHG. NO.	REV
8/72	ME11L-00001	A
1-73	ME11 00003	B

USED ON OPTION/MODEL			
DRN. C.B. MCCOY	DATE 2-16-72	TITLE	ME11-L
CHK'D.	DATE 4-10-72		
PROJ ENG.	DATE 4-10-72		
PROD.	DATE [illegible]		
FIELD SERV.	DATE 4-11-72		
SIZE	CODE	NUMBER	REV
B	DD	ME11-L	B
SHEET 1 OF 4	DIST		

DRB 106

DEC 16-(325)-1062-1-N871

ECO No. ME11L-00003 Sheet 3 of 9



TITLE ME11-L	SHEET 2 OF 4	SIZE B	CODE DD	NUMBER ME11-L	REV B

DRB 107
DEC 16-(325)-1062-3-N871

ECO No. MEllL-00003 Sheet 4 of 9

ELECTRICAL

CUSTOMER PRINT SET ME11	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X		1	E-IA-7008889-0-0	A	1	AC INPUT HARNESS	
X			D-IA-7008857-0-0	#	1	DC HARNESS ASSY	
X			A-AL-ME11-L-3	A	1	ME11-L ACCESSORY LIST	
X			A-SL-ME11-L-4		1	ME11-L SOFTWARE LIST	
X			D-MU-ME11-L-01	A	1	MODULE UTILIZATIONST	
		5	E-IA-5409959-0-0		1	BACK PNL ASSY ME11-L	
X			C-CS-5409959-0-1	A	2	CIRCUIT SCHEMATIC	
			K-WL-7008872-0-1		1	ETCH/WIRE LIST (ME11-L)	
X							
X							
X		9	E-IA-5409728-0-0	#	1	POWER REGULATOR ASSY (REV D. OR LATER)	
X			D-CS-5409728-0-0	#	1	CIRCUIT SCHEMATIC	
		10	D-UA-BC11A-0-0			CABLE ASSY (BC11A-10)	
		11	C-UA-BC05H-0-0		1	LINE SET BC05H (115V)	
			C-UA-BC05J-0-0		1	LINE SET BC05J (230V)	
		12	D-UA-H400-0-0	#	1	POWER CONTROL H400	
			C-IA-5409825-0-0		1	POWER CONTROL BOARD	
			C-IA-5409824-0-0		1	POWER CONTROL BOARD	
C		13	B-DD-MM11-L	#	3	16 BIT 18 MIL MEMORY+	
			A-PL-MM11-L		1	16 BIT 18 MIL MEMORY (PL)	

MECHANICAL

CUSTOMER PRINT SET ME11	MFG SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X		1	D-UA-ME11-L-0	A	2	UNIT ASSY ME11	
			E-IA-7409458-0-0		4	CHASSIS	
			D-IA-7409463-0-0		1	FAN MOUNTING PLATE	
			C-IA-7409476-0-0		1	RET CONN BLOCK (L.H.)	
			C-IA-7409557-0-0		1	RET CONN BLOCK (R.H.)	
			D-IA-7409459-0-0		1	BRKT CHASSIS SLIDE (L.H.)	
			C-IA-7409449-0-0		1	BRKT CHASSIS SLIDE (R.H.)	
			D-IA-7409533-0-0		1	COVER, SLIDE	
			C-MD-7409460-0-0		1	COVER, TOP	
			D-PS-1210931-0-0		1	BLOCK, CABLE RETAINER	
			C-MD-7409482-0-0		1	PLATE, LOWER RETAINER	
			C-MD-7409480-0-0		1	NUT, SWIVEL	
			C-MD-7409479-0-0		1	PLATE, PRESSURE	
			D-IA-7008857-0-0		1	HARNESS D.C.	
			E-IA-7008889-0-0		1	AC INPUT HARNESS	
			DEC3-(387)-1507-N472		1	LABEL (MU)	
			A-AL-ME11-L-3		1	ME11-L ACCESSORY LIST	
			A-SL-ME11-L-4		1	ME11-L SOFTWARE LIST	
			A-PI-3700062-0-0		2	PACKAGING INSTRUCTIONS ME11/L	
			E-IA-5309816-0-0		1	CHASSIS POWER SUPPLY	
			D-IA-7008726-0-0		1	TRANSFORMER ASSY	
			C-MD-5309779-0-0		1	CONTACT COMMON CAPACITOR	
			C-MD-5309781-0-0		1	CONTACT CAPACITOR	
			C-IA-5309782-0-0		1	HOLDER CAPACITOR	
			C-MD-5309942-0-0		1	SCR HOLDER	
			D-PS-1210596-0-0		1	HEAT SINK	
		2	A-PL-7008847-0-0		1	KIT BEZEL ASSY	
		3	D-IA-7409683-0-0		1	BEZEL	
			C-SC-1209176-1-0		1	INLAY	
			1209226		1	BEZEL SNAP ON 5 1/4	
		4	E-AD-7008872-0-0		1	BACK PLANE ASSY (ME11-L)	
			5409959-0-5		1	ASSY/DRILLING HOLE	
			5409959-0-4		1	X-Y COORDINATE HOLE LOCATION	
			5409959-0-6		1	MODULE ECO HISTORY	
			C-MD-7409473-0-0		1	BRKT, CONN BLOCK BOTTOM	
			C-MD-7409475-0-0		1	BAR, RIGHT SUPPORT	
			D-MD-7409471-0-0		1	BRKT. CONN BLOCK TOP	
			E-PS-1210258-0-0		1	288 PIN CONN (H863)	
			D-SC-1210834-0-0		1	360 PIN CONN	
			C-MD-7409474-0-0		1	BAR, LEFT SUPPORT	

TITLE		SIZE	CODE	NUMBER	REV
ME11-L	SHEET 3 OF 4	B	DD	ME11-L	B

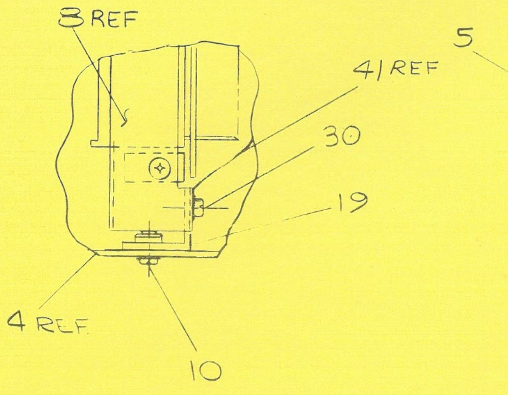
DRB 108

DEC - 16- (325)-1062-2A-R272

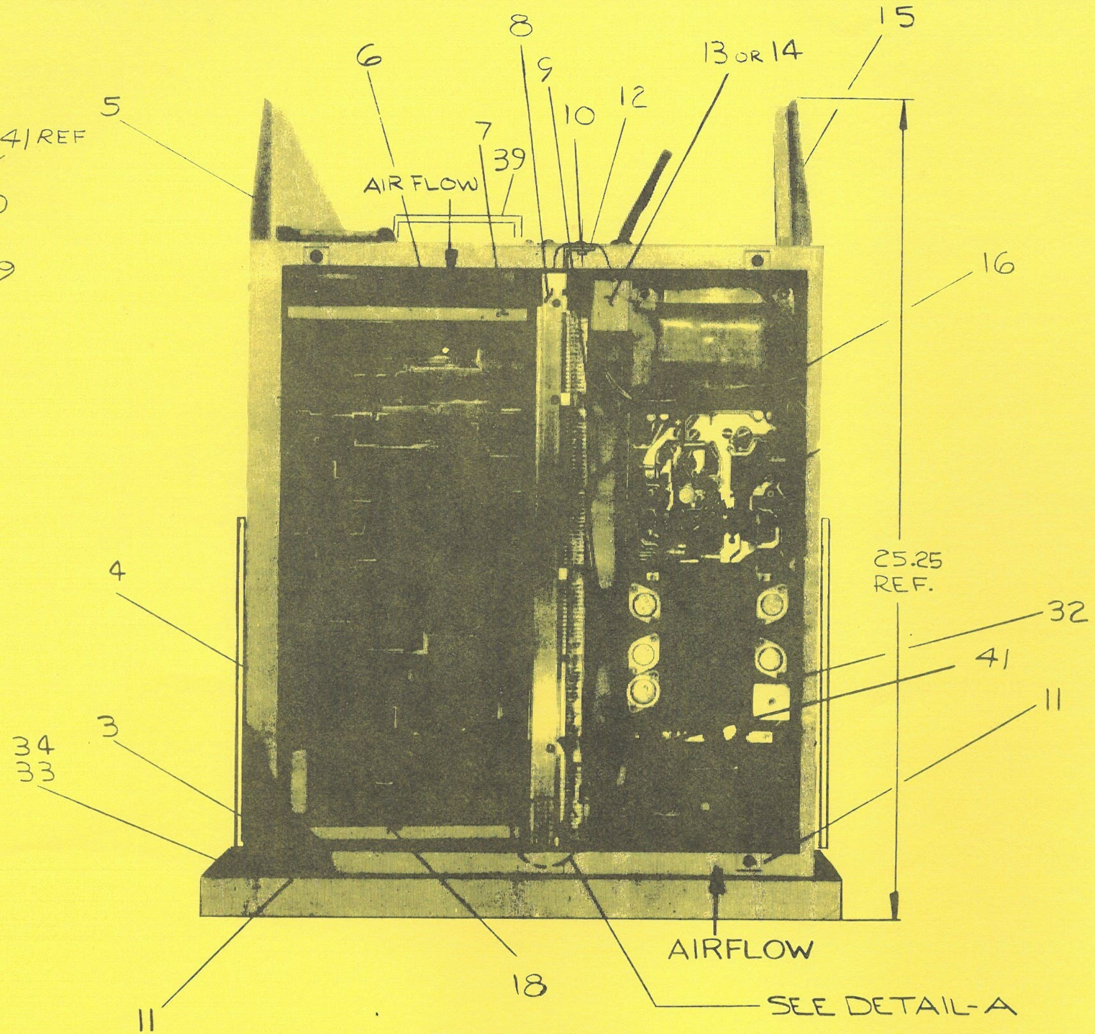
ECO No. ME11L-00003 Sheet 5 of 9

CUSTOMER PRINT SET ME11						MFG. SET	FIND NO.	MECHANICAL DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
							5	E-IA-5409959-0-0	#	1	BACK PANEL (ME11-L)	
								E-CS-5409959-0-1		1	CIRCUIT SCHEMATIC	
							6	D-IA-7409580-0-0		1	CARD GUIDE ASSY (L.H.)	
								D-IA-7409566-0-0		1	SUPPORT, LEFT GUIDE	
								D-MD-7409553-0-0		1	CARD GUIDE (REWORK)	
							7	D-IA-7409581-0-0		1	CARD GUIDE ASSY (R.H.)	
								D-IA-7409462-0-0		1	SUPPORT RIGHT GUIDE	
								D-PS-1210700-0-0		1	GUIDE CARD	
							9	E-IA-5409728-0 C0		1	POWER REGULATOR ASSY (REV D. OR LATER)	
								5009727		1	ETCH BOARD	
								B-MH-5409728-0-6		1	MODULE ECO HISTORY	
								K-CO-5409728-0-4		1	X-Y COORDINATE HOLE LOCATION	
								D-CS-5409728-0-1		1	CIRCUIT SCHEMATIC (REV D. OR LATER)	
							10	D-UA-BC11A-0-0			CABLE ASSY BC11A-10	
							11	D-UA-BC05H-0-0			LINE SET BC05H (115V)	
								D-UA-BC05J-0-0			LINE SET BC05J (230V)	
C								B-DD-BC05H-0	#		LINE SET	
							12	D-UA-H400-0-0		1	POWER CONTROL H400	
								A-PL-H400-0-0		1	POWER CONTROL (PL)	
								C-MD-5309849-0-0		1	COVER AC INPUT	
								D-IA-5309845-0-0		1	BOX AC INPUT	
								C-IA-5409825-0-0		1	POWER CONTROL BOARD (230V)	
								C-IA-5409824-0-0		1	PWR CONTROL BOARD (115V)	
								A-DC-5309899-0-0		1	POWER CONTROL DECAL (115V)	
								A-DC-5309900-0-0			POWER CONTROL DECAL (230V)	

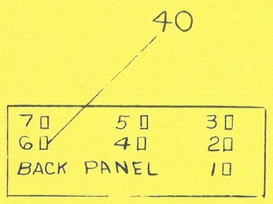
TITLE		SIZE	CODE	NUMBER	REV
ME11CL	SHEET 4. OF 4	B	DD	ME11-L	B



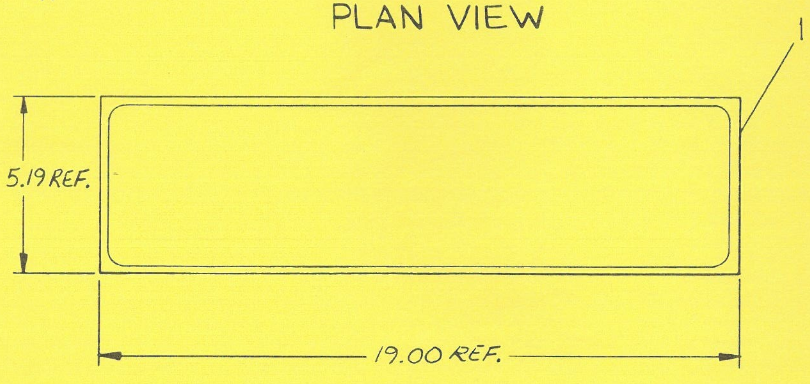
DETAIL-A



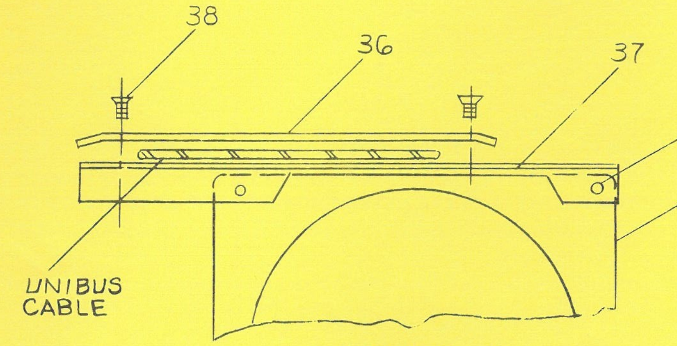
PLAN VIEW



VIEW E-E



FRONT VIEW



VIEW D-D

NOTES:

1. SEE D-UA-11/05-0-0 SHEET 3 OF 3 VIEW L-L FOR DETAILS OF THIS VIEW.

WIRE TABLE

PART NO	COLOR	FROM HARNESS CONN NO	TO SYSTEM LOCATION
7008889		J1	TRANSFORMER
↑	WHT	J2	ME11-L FAN
	RED	J3	ME11-L FAN
	—	J4	BACK OF CHASSIS
	—	J5	
	RED	J6	P.S. FAN
	WHT	J7	P.S. FAN
↓		J8	P.S. THERMAL CUTOFF -J3
7008889		P1	AC INPUT BOX-H400
7008857	—	P1	POWER SUPPLY
↑	VIO	6	BP-1 VIEW E-E
	RED	7	BP-3
	YEL	8	BP-2
	BLK	9	BP-4
	BLU	10	BP-5
↓	BLK	11	BP-6
7008851	RED	12	BP-7
7409903	BLK	B.P.6	CHASSIS - DETAIL A
—	—	TRANSFORMER	POWER SUPPLY

PARTS LIST

QTY. ME11-LA 115 V 60 HZ	QTY. ME11-LB 230 V 50 HZ	DESCRIPTION	PART NO.	ITEM NO.
1	1	CHASSIS	E-IA-5309816-0-0	51
1	1	TRANSFORMER MMC 4150-1	D-IA-7008726-0-0	50
4	4	SCR, PHL PAN HD#6-32×.44 LG	9006023-1	49
2	2	SCR, PHL PAN HD#6-32×.25 LG	9006020-1	48
2	2	SCR, PHL PAN HD #6-32 × 1.75 LG	9006031-1	47
4	4	NUT, KEPS #8-32	9006563	46
2	2	NUT, KEPS #6-32	9006560	45
6	6	WASHER, EXT TOOTH LOCK #6-32	9007649	44
A/R	A/R	GROMMET CATIPILER	9007035	43
1	1	REGULATOR BOARD	E-IA-5409728-0-0	42
1	1	JUMPER, POWER	B-IA-7409903-0-0	41
1	1	QUIK DISCONNECT	9007194	40
1	1	BRACKET	B-MD-7409828-0-0	39
2	2	SCR PHL HD FLAT #4-40 X 3/8	9006011-2	38
1	1	BRACKET, CABLE CLAMP	B-MD-7409818-0-0	37
1	1	PLATE, CABLE CLAMP	B-MD-7409817-0-0	36
10	10	SCR PHL PAN HD #8-32X1/4 LG	9006035-1	35
4	4	SPACER 1/8 LG	9006795	34
4	4	SCR PHL PAN #8-32 X 3/8 LG	9006037-1	33
4	4	CLAMP, CABLE (1/4)	9008442	32
1	1	COVER, SIDE	D-MD-7409533-0-0	31
18	18	SCR., PHL PAN HD., #8-32×1/4 NYLOK	9009191	30
1	1	CHASSIS TRACK	1210945	29
16	16	SCR., PHL PAN HD #6-32×5/16 NYLOK	9009186	28
6	6	CLIP FAN	9009165	27
6	6	SCR. PHL PAN HD #6-32×1/2	9006024-1	26
1	1	PLATE, LOWER RET.	D-MD-7409482-0	25
2	2	SWIVEL NUT	C-MD-7409480-0	24
1	1	BLOCK, CABLE RET.	D-PS-1210931-0-0	23
2	2	SCR., PHL PAN HD. #8-32×2"	9006047-1	22
1	1	PLATE, PRESSURE	C-MD-7409419-0	21
1	1	FAN MTG. PLATE	D-IA-7409463-0-0	20
1	1	RET. CONN. BLOCK (R.H.)	C-IA-7409551-0-0	19
1	1	CARD GUIDE ASSY (R.H.)	D-IA-7409581-0-0	18
~~1~~	~~1~~	~~POWER SUPPLY ASSY~~	~~D-AD-7008731-0-3~~	~~17~~
1	1	INPUT HARNESS (AC)	E-IA-7008889-0-0	16
1	1	BRKT., CHASSIS SLIDE (R.H.)	C-MD-7409449-0-0	15
—	1	LINE SET BC05J (230V 50HZ)	D-UA-BC05J-0-0	14
1	—	LINE SET BC05H (115V 60HZ)	D-UA-BC05H-0-0	13
1	1	RET. CONN. BLOCK (L.H.)	C-IA-7409476-0-0	12
4	4	CLIP-ON RECEPTICLE SOUTHCO	9009141	11
6	6	SCR., PHL. PAN HD. #8-32×3/8 NYLOK	9009192	10
1	1	DC HARNESS ASSY	D-IA-7008857-0	9
1	1	BACK PLAIN ASSY	E-AD-7008822-0-0	8
1	1	CARD GUIDE ASS'Y (L.H.)	D-IA-7409580-0-0	7
2	2	FAN, SUPER BOXER	1209403	6
1	1	BRK'T, CHASSIS SLIDE (L.H)	D-MD-7409459-0-0	5
1	1	CHASSIS	E-IA-7409458-0-0	4
1	1	COVER, TOP	C-MD-7409460-0-0	3
1	1	LABEL, DEC. 3-(387)-1507-N472		2
1	1	KIT BEZEL ASSY	A-PL-7008847-0	1

REV B
SIZE CODE D UA NUMBER ME11-L-0

FIRST USED ON OPTION/MODEL
ME11

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
XXX .005 XX .02 X .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL
FINISH

DRN. CBMcCoy	DATE 3-8-72
CHKD	DATE 4-7-72
ENG. C R Blai	DATE 4-10-72
PROJ. ENG.	DATE 4-10-72
PROD. R K Peterson	DATE 4/10/72

NEXT HIGHER ASSY.
B-DD-ME11-L
SCALE NONE
SHEET 1 OF 4

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
UNIT ASS'Y
(ME11-L)

SIZE	CODE	NUMBER	REV.
D	UA	ME11-L-0	B

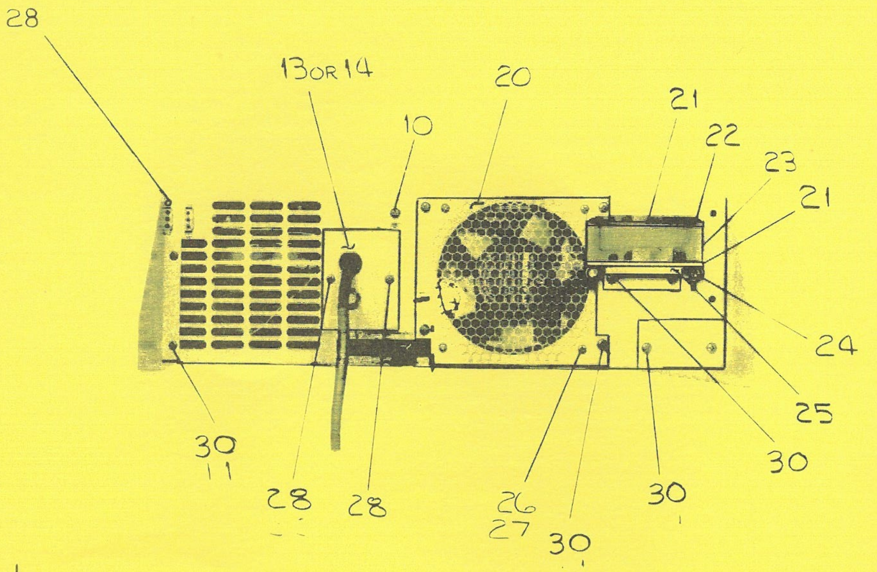
DIST. G

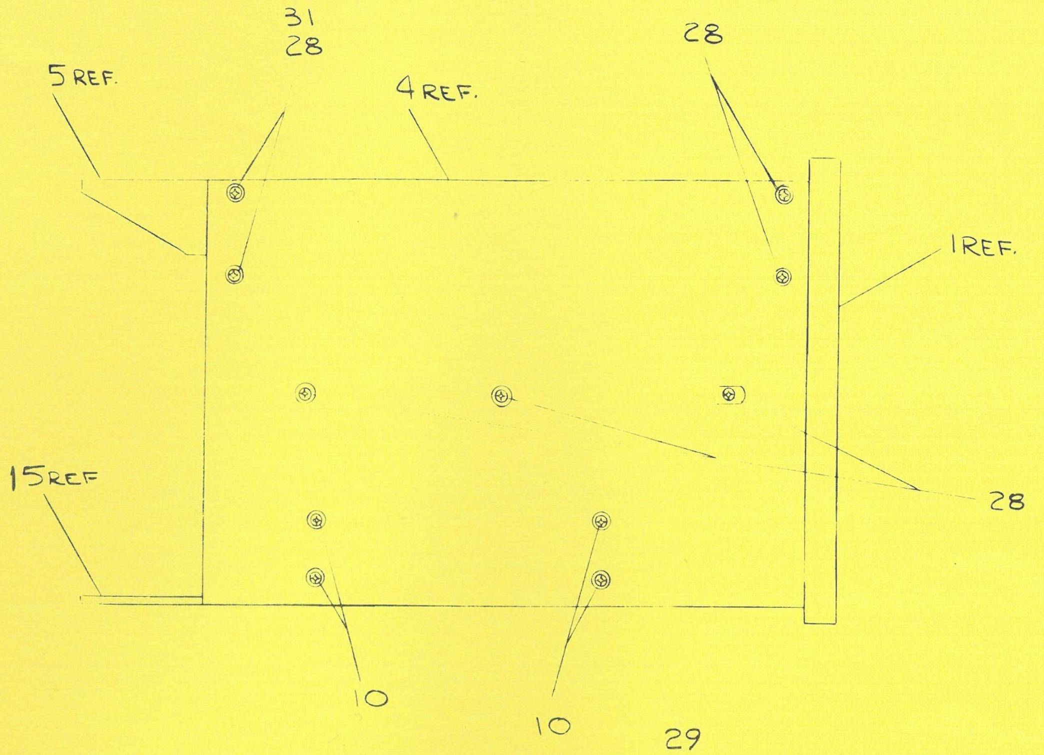
REVISIONS

REV	CHANGE NO	CHK			
A	ME11L-00001			ROTHMAN	8-30-72
B	ME11L-00003		W Hor-Z 1-18-73	M. CARRAFIELLO	2/1/73

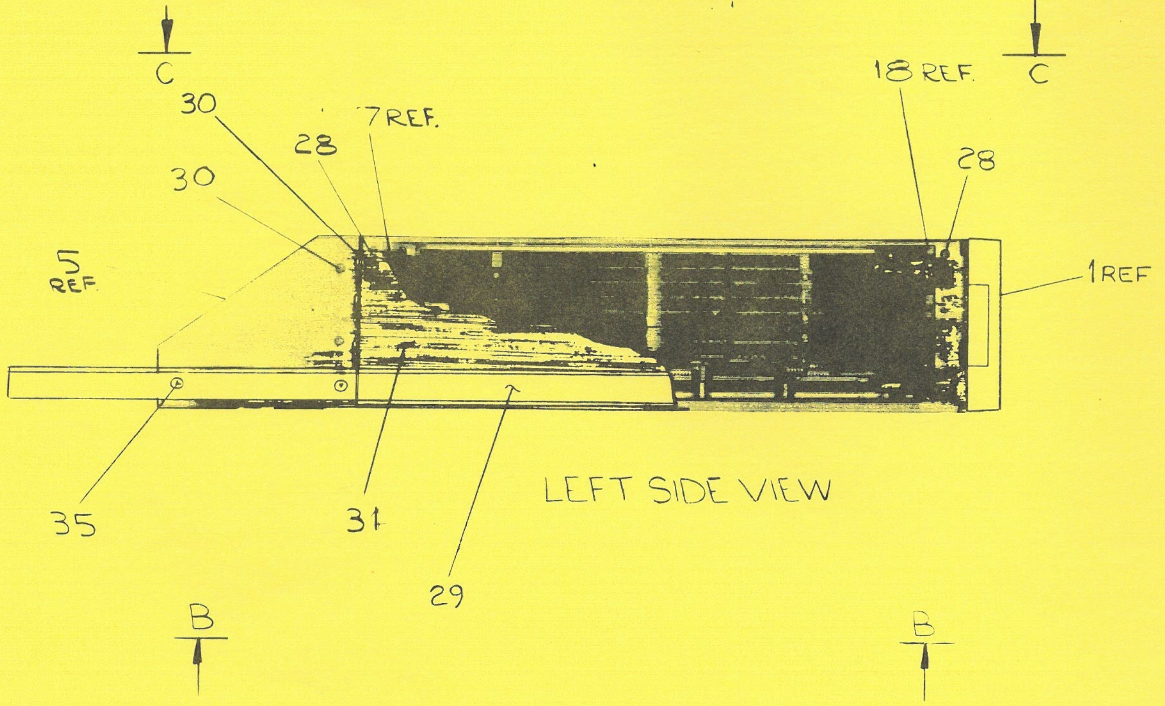
DEC FORM NO
DRD 100-A

REAR VIEW

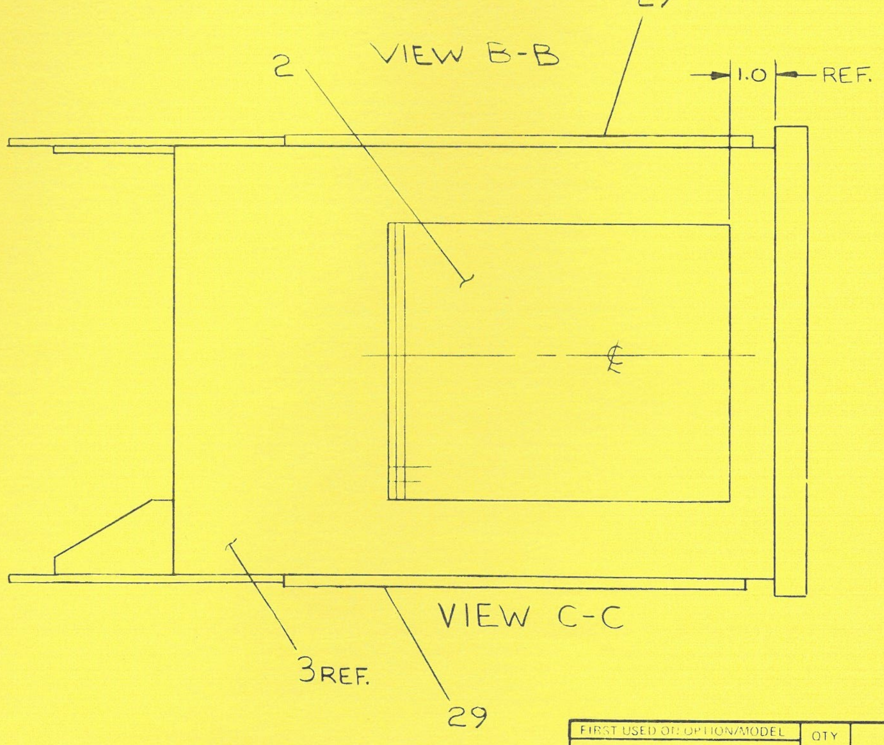




VIEW B-B



LEFT SIDE VIEW



VIEW C-C

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO	ITEM NO.
ME11	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS		ANGLES
XXX	005	±0 30'
XX	02	
X	1	

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL
FINISH

		DATE
DRN.	CB McCoy	3-8-72
CHKD		4-7-72
ENG	R B [illegible]	4-10-72
PROJ ENG	[illegible]	4-10-72
PROD.	[illegible]	4/11/72

NEXT HIGHER ASSY

SCALE NONE
SHEET 2 OF 4

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
UNIT ASS'Y
(ME11-L)

SIZE	CODE	NUMBER	REV.
D	UA	ME11-L-0	B

DIST.

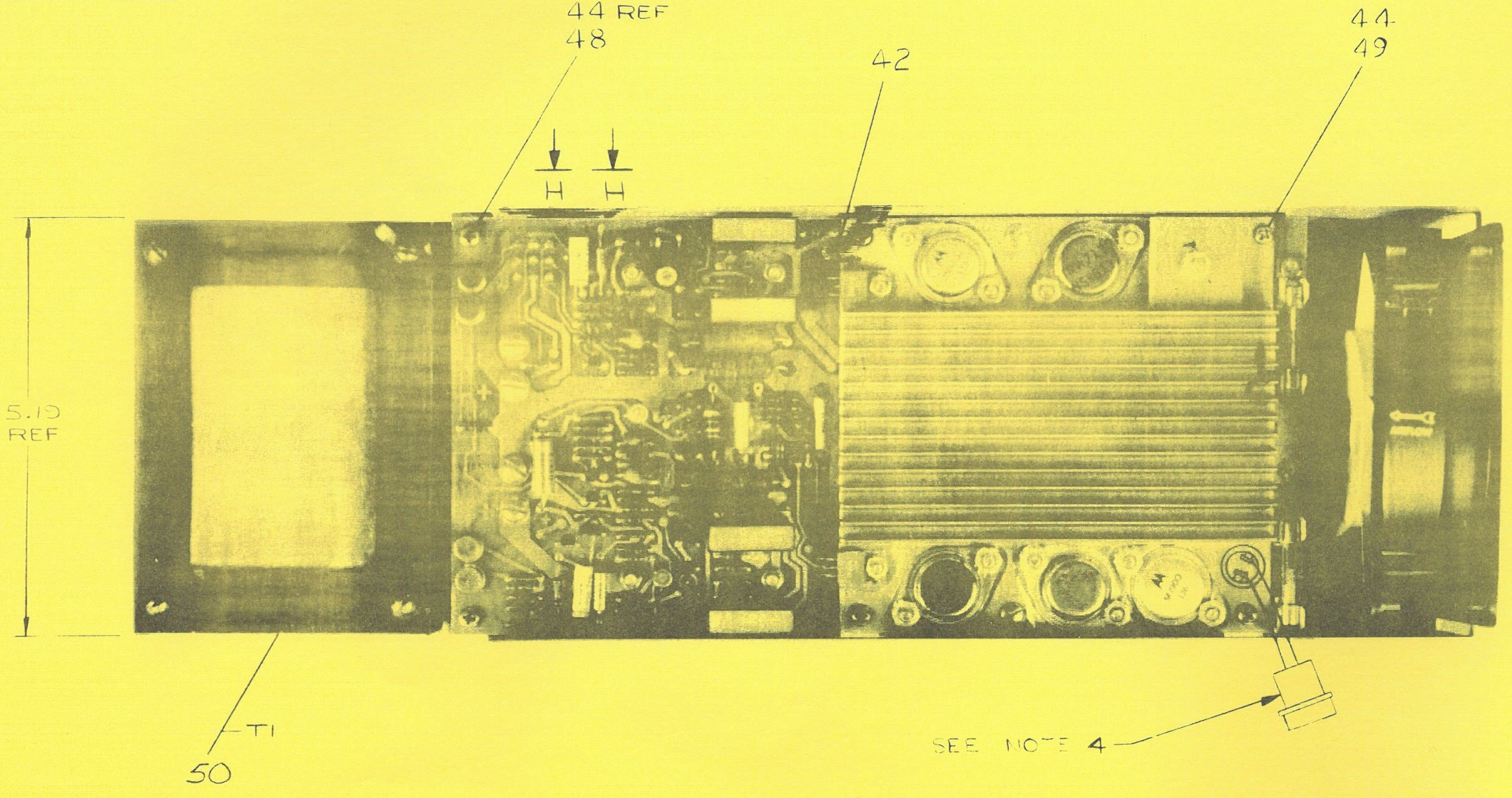
REVISIONS	CHANGE NO	REV	CHK

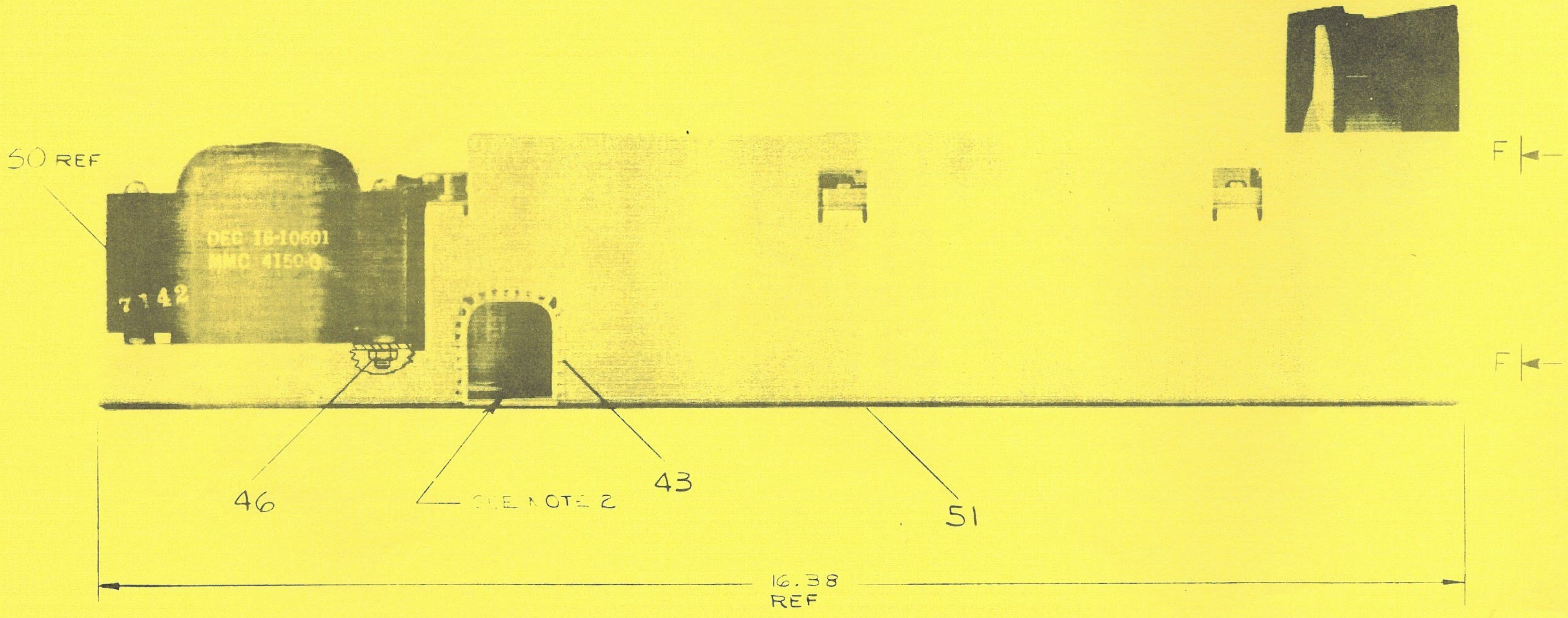
D UA ME11-L-0 B

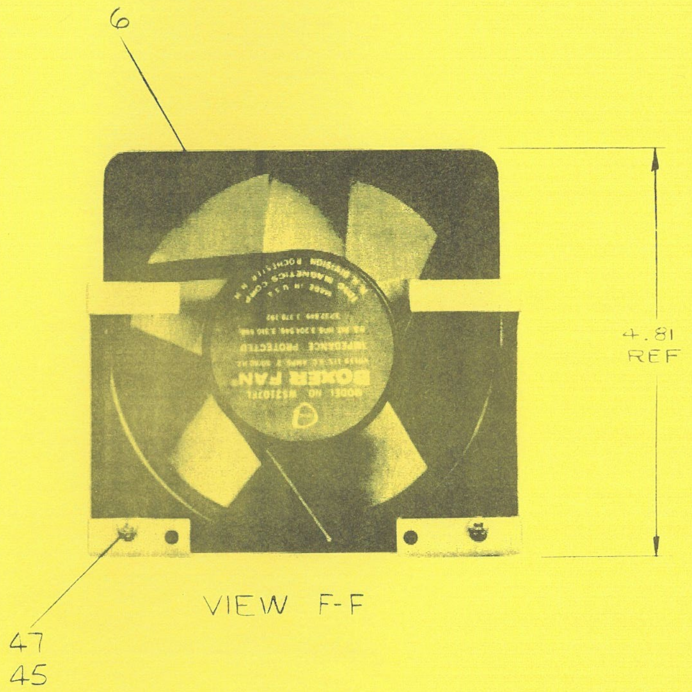
DEC FORM NO
DRG 100-A

SIZE	CODE	NUMBER	REV
D	UA	ME11-L-0	B

ECO No. ME11L-00003 Sheet 8 of 9







VIEW F-F

NOTES:

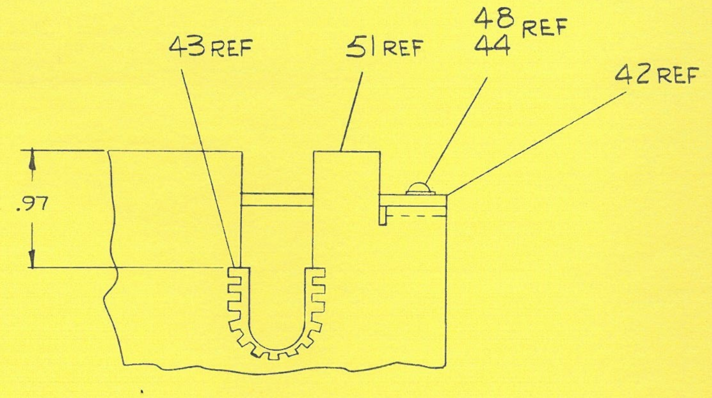
1. ~~WHEN ASSEMBLING AN 7008731-1 POWER SUPPLY, A 5" SUPER BOXER FAN (ITEM #2) IS REQUIRED. WHEN ASSEMBLING AN 7008731-2 POWER SUPPLY, A 3" BOXER FAN (ITEM #3) IS REQUIRED. WHEN ASSEMBLING [illegible] POWER SUPPLY, A 5" SUPER BOXER FAN ITEM 2) AND A 5409728 YA (ITEM [illegible]) ARE REQUIRED.~~
2. THE 6 PIN MATE-N-LOCK CONN (MALE) ON TRANSFORMER ITEM #50 IS TO REMAIN ON FLOOR OF CHASSIS
3. CONNECT 3 PIN MATE-N-LOCK CONN (FEMALE) ON TRANSFORMER (ITEM #50) TO 3 PIN MATE-N-LOCK CONN (MALE) ON REGULATOR BOARD (ITEM #42) (SECTION J-J)
4. 2 PIN MATE-N-LOCK TO BE SECURED TO HEAT SINK FOR HANDLING
5. REGULATOR BOARD (5409728-0-0) MUST BE REV. D OR LATER.

REV	CHANGE NO	REVISIONS	CHK

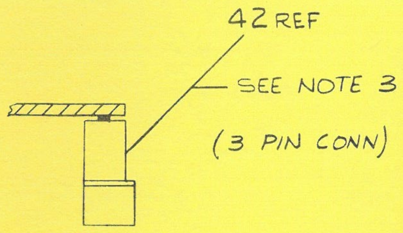
FIRST USED ON OPTION MODEL	QTY	DESCRIPTION		PART NO.	ITEM NO.
ME11	PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN McCarthy	DATE 11/22/71	**digital** EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
DECIMALS: XXX .005 XX .02 X .1 / ANGLES: ±0 30	CHK'D	DATE 12/1/71	TITLE UNIT ASSY (ME11-L)		
	ENG Daniel	DATE 12/14/71			
	PROJ ENG Ronald Hwang	DATE 1-7-72			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROD R K Peterson	DATE 1/7/72			
MATERIAL	NEXT HIGHER ASSY		SIZE D	CODE UA	NUMBER ME11-L-0 / REV B
FINISH	SCALE				
	SHEET 3 OF 4		DIST		

SIZE	CODE	NUMBER	REV
D	UA	MEII-L-0	B

ECO No. MEIIL-00003 Sheet 9 of 9



VIEW H-H



SECTION J-J

REVISIONS		
REV.	CHANGE NO.	CHK

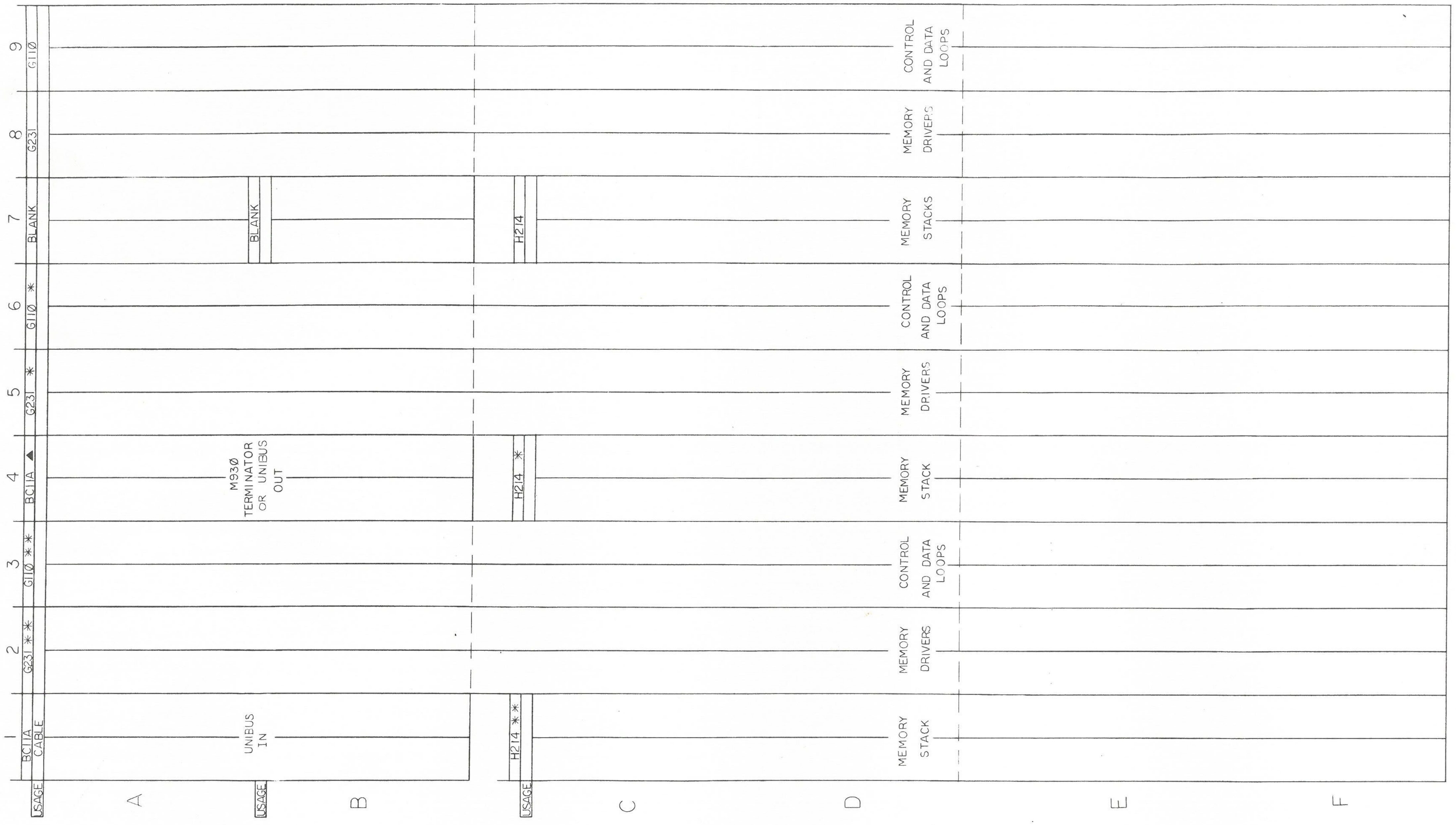
BRUNING 107 15968

DEC FORM NO
DRD 100-A

FIRST USED ON OPTION/MODEL MEII	QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST			

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN. W.F. McCARTHY wH.	DATE 11-22-71	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
DECIMALS: .XXX = .005 .XX = .02 .X = .1 ANGLES: ±0° 30′	CHK'D. D. FONTAINE	DATE 2-1-71	TITLE UNIT ASSY (MEII-L)
	ENG.	DATE	
	PROJ. ENG.	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROD. R.K. PETERSON	DATE 1-7-72	
MATERIAL —//—	NEXT HIGHER ASSY. —//—		SIZE D CODE UA NUMBER MEII-L-0 REV. B
FINISH —//—	SCALE —//— SHEET 4 OF 4		DIST.

SIZE	CODE	NUMBER	REV
D	UA	MEII-L-0	B



	USAGE	USAGE	USAGE	
9	G110			CONTROL AND DATA LOOPS
8	G231			MEMORY DRIVERS
7	BLANK	BLANK	H214	MEMORY STACKS
6	G110 *			CONTROL AND DATA LOOPS
5	G231 *			MEMORY DRIVERS
4	BC11A ▲	M930 TERMINATOR OR UNIBUS OUT	H214 *	MEMORY STACK
3	G110 **			CONTROL AND DATA LOOPS
2	G231 **			MEMORY DRIVERS
1	BC11A CABLE	UNIBUS IN	H214 **	MEMORY STACK

NOTES:

1. * ADD THESE MODULES FOR 16K MEMORY MACHINE.
   ** ADD THESE MODULES PLUS 16K MODULES FOR 24K MEMORY MACHINE.
   ▲ REPLACE BC11A CABLE WITH M930 TERMINATOR BOARD WHEN ME11-L IS THE END OF BUS.
2. FOR FIELD CHECK-OUT ANY MODULE CAN BE TESTED IN ANY SLOT.
3. THIS DRAWING SHOWS THE PIN SIDE OF THE BACK PANEL WITH THE BOTTOM OF THE DRAWING THE TOP OF THE BOX.

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	16 BIT 18M.L MEMORY	B-DD-MM11-L	1

PARTS LIST

FIRST USED ON OPTION/MODEL: ME11

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —
FINISH —

DRN.	[illegible]	DATE 3-2-72
CHK'D.	[illegible]	DATE 4-4-72
ENG.		DATE
PROJ. ENG.	[illegible]	DATE [illegible]
PROD.		DATE

NEXT HIGHER ASSY. B DD ME11-L
SCALE —
SHEET 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
MODULE
UTILIZATION

SIZE	CODE	NUMBER	REV.
D	MU	ME11-L-01	A

DIST.

REVISIONS
REV.	CHANGE NO.	CHK
A	[illegible]	[illegible]

ROTHMAN
[illegible]-72

D MU ME11-L-01 REV A

DEC FORM NO
DRS 100-A

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET ☐☐☐☐☐☐☐

	SEQUENCE
MODULE UTILIZATION	D_MU_MM11_L_1
BLOCK DIAGRAM	D_BD_MM11_L 2
TIMING DIAGRAM	D_TD_MM11_L_3
MEMORY DRIVERS	E_SC_G231_0_1
CONTROL & DATA LOOPS	E_CS_G110_0_1
STACK SCHEMATIC	E_CS_H213_0_1
STACK SCHEMATIC	E_CS_H214_0_1
BLOCK DIAGRAM	D-BD-MM11-S-2
4K MEMORY	A-PL-MM11-K-0
8K MEMORY	A-PL-MM11-L-0

SEQUENCE

MFG. PRINT SET
MFG. TEST PRO. FOR MM11/K,L,M,S&SP
A-SP-MM11-L-5

UNIT VARIATIONS		PRINT SET TYPE						
VARIATION	TITLE	MM11_L						
MM11_K	4K 16 BIT 18 MIL MEMORY	X						
MM11_L	8K 16 BIT 18 MIL MEMORY	X						

REVISIONS		
DATE	CHG. NO.	REV
9/72	MM11L-00001	A
11-72	MM11L-00002	B

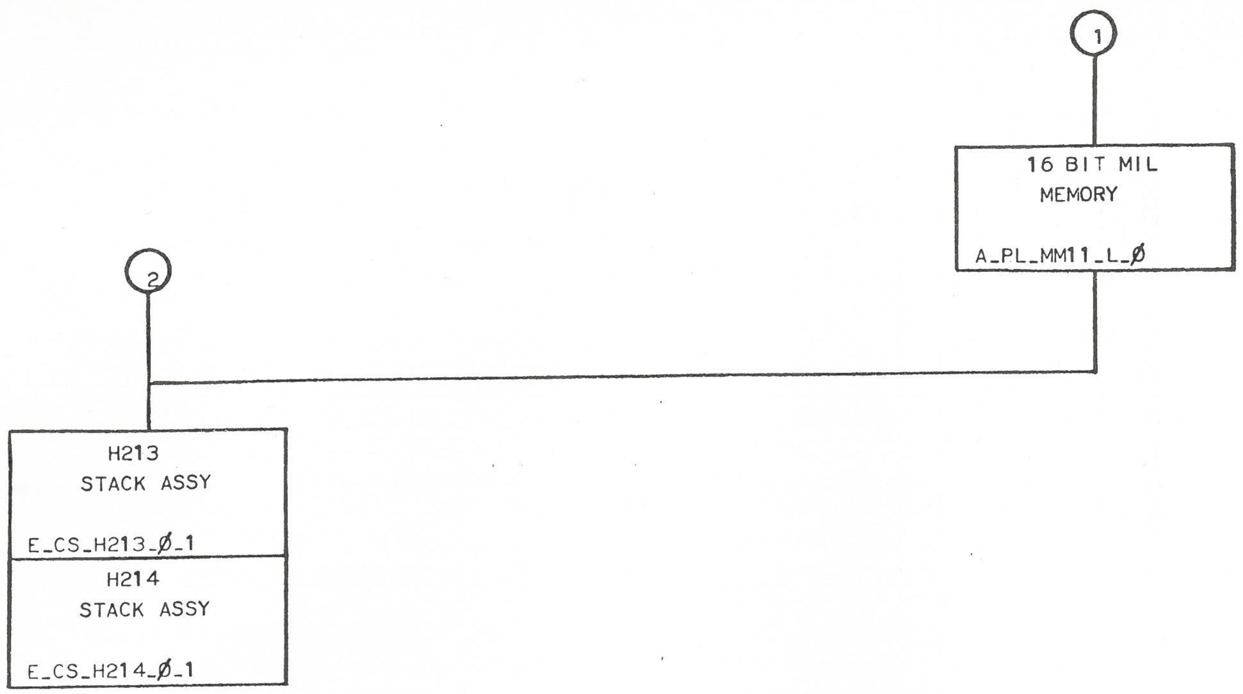
USED ON OPTION/MODEL					
MM11_K		DRN.	DATE 1-25-72	TITLE	16 BIT 18 MIL MEMORY
MM11_L		CHK'D.	DATE 1-25-72		
		PROJ ENG.	DATE 1-25-72		
		PROD.	DATE		
		FIELD SERV.	DATE		
		SHEET 1 OF 3			

SIZE	CODE	NUMBER	REV
B	DD	MM11 L	B

DIST

DRB 106

DEC 16 (3.5) 106 1 N871



TITLE		SIZE	CODE	NUMBER	REV
16 BIT 18 MIL MEMORY	SHEET 2 OF 3	B	DD	MM11 L	B

CUSTOMER PRINT SET MM11_L	SET MFG	FIND NO.	ELECTRICAL DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X		1	D_MU_MM11_L_1	*	1	MODULE UTILIZATION	
X			D_BD_MM11_L_2	*	1	BLOCK DIAGRAM	
X			D_TD_MM11_L_3	*	1	TIMING DIAGRAM	
X			E_CS_G231_0_1	#	4	MEMORY DRIVER	
X			E_CS_G110_0_1	#	4	CONTROL & DATA LOOPS	
X			D-BD-MM11-S-2	#	2	BLOCK DIAGRAM	
X			A-PL-MM11-K-0		1	4K MEMORY	
X			A-PL-MM11-L-0		1	8K MEMORY	
X		2	E_CS_H213_0_1	#	2	STACK SCHEMATIC	
X			E_CS_H214_0_1	#	2	STACK SCHEMATIC	
			A-SP-G109-0-8		1	G109,G110 CONT & DATA LOOP MFG. SPEC.	
			A-SP-G231-0-8		1	MEMORY DRIVER MFG. SPEC.	
			A-SP-MM11-L-4		1	MM11-K,-L,-S &-SP MFG. TEST SPEC.	
	X		A-SP-MM11-L-5		29	MFG. TEST PRO. MM11/K,L,M,S & SP	

CUSTOMER PRINT SET MM11_L	SET MFG	FIND NO.	MECHANICAL DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
		1	A_PL_MM11_L_0	*	1	MEMORY	
			A_PS_3010654_0_0			PURCHASE SPEC	
		2	B_DD_H214_0_1	#	2	STACK SCHEMATIC	
			B_DD_H213_0	#	2	STACK SCHEMATIC	
			A-PL_G645_0-0		1	STACK BOARD	

TITLE	SHEET	SIZE	CODE	NUMBER	REV
16 BIT 18 MIL MEMORY	3 OF 3	B	DD	MM11-L	B

DPB 108

[illegible] (3/70) [illegible] 7/8/71

PIN SIDE VIEW OF BACKPLANE

THESE 2 SLOTS ARE UNIBUS WIRED ON ALL 3 CONNECTORS (B, A)

H213, H214 STACK
(F,E,D,C) (QUAD 8½)
UNIBUS CONN OR TERM (A,B)

	F		E		D		C		B		A	
	SIDE 2	SIDE 1										
V	XPRD7		0SB	0SA	9SB	9SA			GND	MSYNL	GND	BG7H
U	XPRD6		0IN		9IN				C00L	SSYNL	BR6L	NPGH
T	XNWD7	GND		GND		GND	XS03	GND	C01L	GND	BR7L	GRD
S	XNWD6	XPRD5	4SB	4SA	13SB	13SA	XS02	XS01	A16L	A17L	NPRL	GRD
R	XNWD5	XPRD4	4IN	1IN	13IN	10IN	XS00	YS07	A14L	A15L	SACKL	GRD
P	XNWD4	XPRD3	1SB	1SA	10SB	10SA	YS06	YS05	A12L	A13L	BBSYL	GRD
N	XNWD3	XPRD2	5SB	5SA	14SB	14SA	YS04	YS03	A10L	A11L	PBL	GRD
M	XNWD2	XPRD1	5IN	2IN	14IN	11IN	YS02	YS01	A08L	A09L	D15L	PAL
L	XNWD1	XPRD0	2SB	2SA	11SB	11SA	YNWD7	YS00	A06L	A07L	D13L	C14L
K	XNWD0	XS15	6SB	6SA	15SB	15SA	YNWD6	YPRD7	A04L	A05L	D11L	D12L
J	XS14	XS13	6IN	3IN	15IN	12IN	YNWD5	YPRD6	A02L	A03L	D09L	D10L
H	XS12	XS11	3SB	3SA	12SB	12SA	YNWD4	YPRD5	A00L	A01L	D07L	D08L
F	XS10	XS09	7SB	7SA			YNWD3	YPRD4	DCLOL	ACLOL	D05L	D06L
E	XS08	XS07	7IN	8IN			YNWD2	YPRD3	BG4H	GND	D03L	D04L
D	XS06	XS05	8SB	8SA			YNWD1	YPRD2	BR4L	GND	D01L	D02L
C	GND	XS04	GND	RES 1	GND		GND	YPRD1	GND	BR5L	GND	D00L
B	-15V		-15V		-15V		-15V	YNWD0	GND	BR5H	GND	INTRL
A	5V		5V	THERM 1	5V		5V	YPRD0	5V	BG6H	5V	INITL

DRIVE
(F,E,D,C,B,A)(HEX 8½)
G231

	F		E		D		C		B		A	
	SIDE 2	SIDE 1										
V	XPRD7						TNARH	TWIDH	GND	MSYNL	GND	BG7H
U	XPRD6						READ H		C00L	SSYNL	BR6L	NPGH
T	XNWD7	GND		GND		GND	XS03	GND	C01L	GND	BR7L	GND
S	XNWD6	XPRD5					XS02	XS01	A16L	A17L	NPRL	GND
R	XNWD5	XPRD4					XS00	YS07	A14L	A15L	SACKL	GND
P	XNWD4	XPRD3					YS06	YS05	A12L	A13L	BBSYL	GND
N	XNWD3	XPRD2					YS04	YS03	A10L	A11L	PBL	GND
M	XNWD2	XPRD1					YS02	YS01	A08L	A09L	D15L	PAL
L	XNWD1	XPRD0					YNWD7	YS00	A06L	A07L	D13L	D14L
K	XNWD0	XS15					YNWD6	YPRD7	A04L	A05L	D11L	D12L
J	XS14	XS13					YNWD5	YPRD6	A02L	A03L	D09L	D10L
H	XS12	XS11					YNWD4	YPRD5	A00L	A01L	D07L	D08L
F	XS10	XS09					YNWD3	YPRD4	DCLOL	ACLOL	D05L	D06L
E	XS08	XS07					YNWD2	YPRD3	BG4H	GND	D03L	D04L
D	XS06	XS05					YNWD1	YPRD2	BR4L	GND	D01L	D02L
C	GND	XS04	GND	RES 1	GND		GND	YPRD1	GND	BR5L	GND	D00L
B	-15V		-15V		-15V	CLK H	-15V	YPRD0	GND	BR5H	GND	INTRL
A	5V		5V	THERM 1	5V	A01H	5V	YPRO0	5V	BG6H	5V	INITL

SENSE-CONTROL
(F,E,D,B,C,A)(HEX 8½)
G110

	F		E		D		C		B		A	
	SIDE 2	SIDE 1										
V			0SB	0SA	9SB	9SA	TNARH	TWIDH	GND	MSYNL	GND	BG7H
U		GND	0IN		9IN		READ H	MSYNAL	C00L	SSYNL	BR6L	NPGH
T		GND		GND		GND		GND	C01L	GND	BR7L	GND
S			4SB	4SA	13SB	13SA			A16L	A17L	NPRL	GND
R			4IN	4IN	13IN	10IN			A14L	A15L	SACK L	GND
P			1SB	1SA	10SB	10SA			A12L	A13L	BBSYL	GND
N			5SB	5SA	14SB	14SA			A10L	A11L	DPB1L	GND
M			5IN	2IN	14IN	11IN			A08L	A09L	D15L	DPB0L
L			2SB	2SA	11SB	11SA			A06L	A07L	D13L	D14L
K			6SB	6SA	15SB	15SA			A04L	A05L	D11L	D12L
J			6IN	3IN	15IN	12IN			A02L	A03L	D09L	D10L
H			3SB	3SA	12SB	12SA			A00L	A01L	D07L	D08L
F			7SB	7SA					DCLOL	ACLOL	D05L	D06L
E			7IN	8IN					BG4H	GND	D03L	D04L
D			8SB	8SA					BR4L	GND	D01L	D02L
C	GND		GND		GND	PROTL	GND		GND	BR5L	GND	D00L
B	-15V		-15V		-15V	CLK H	-15V		GND	BR5H	GND	INTRL
A	5V		5V		5V	A01H	5V		5V	BG6H	5V	INITL

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
MM11-L		PARTS LIST		

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
XXX ± .005 .XX ± .02 .X ± .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —//—

FINISH —//—

		DATE
DRN	F. Carberry	1/14/72
CHK'D		1-24-72
ENG.	F. Durant	1-24-72
PROJ ENG.	F. Durant	1-25-72
PROD.	R.K. Peterson	1-31-72

NEXT HIGHER ASSY B-DD-MM11-L

SCALE —

SHEET 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
MODULE
UTILIZATION

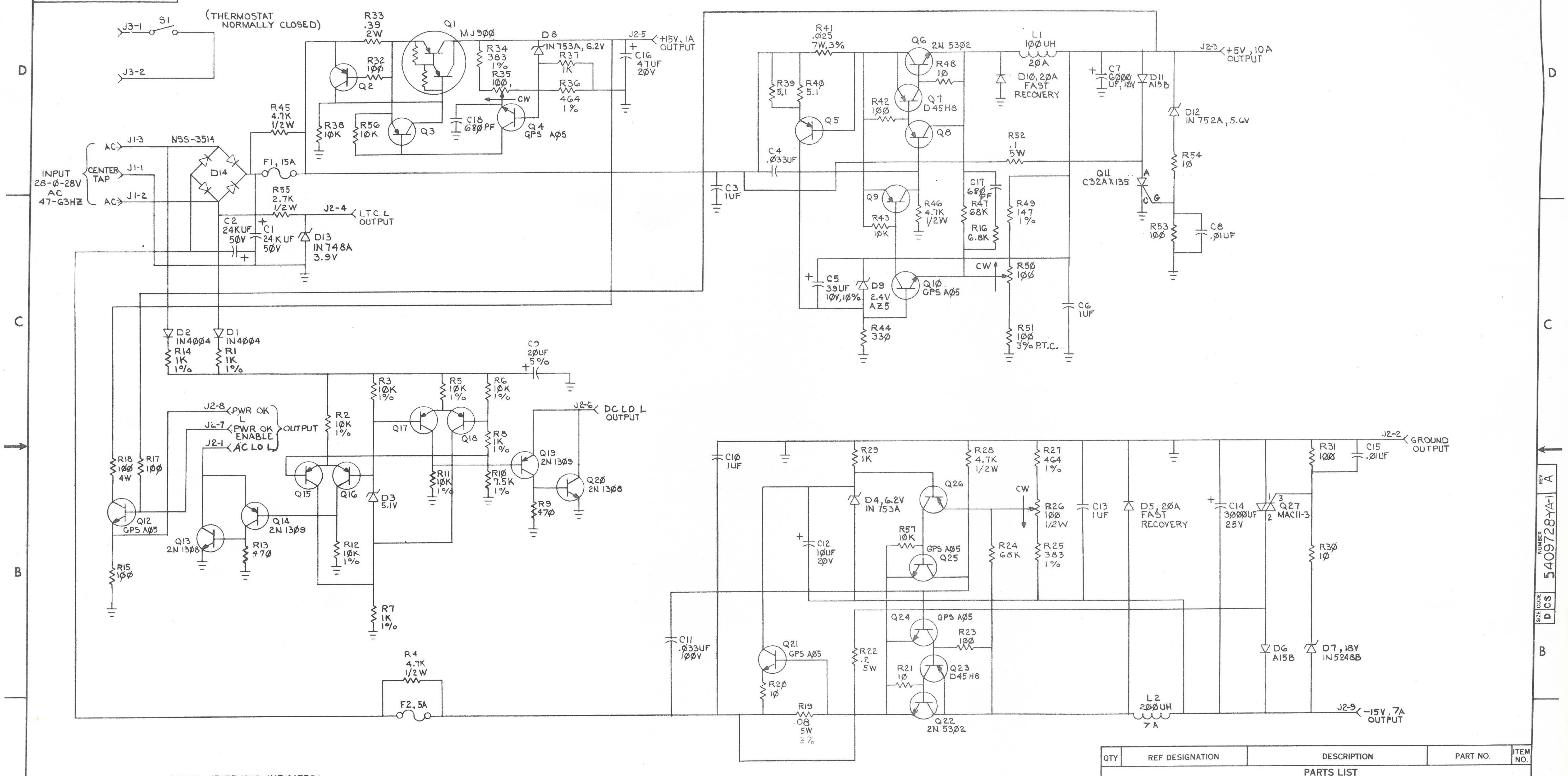
SIZE	CODE	NUMBER	REV
D	MU	MM11-L-1	

DIST

CHK	CHANGE NO	REV
	REVISIONS	

BRUNING 40-522 15840

DEC FORM NO
DRD 102-B



UNLESS OTHERWISE INDICATED:
1% RESISTORS ARE 1/8W
TRANSISTORS = GPS A55

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST

ETCH BOARD REV

DEC NO.	EIA NO.	DEC NO.	EIA NO.

SEMICONDUCTOR CONVERSION CHART

REV	CHANGE NO.	CHK
A	5409728-00001	

REVISIONS

B J Hale 6-29-72
J. W. LAWRENCE
7-11-72

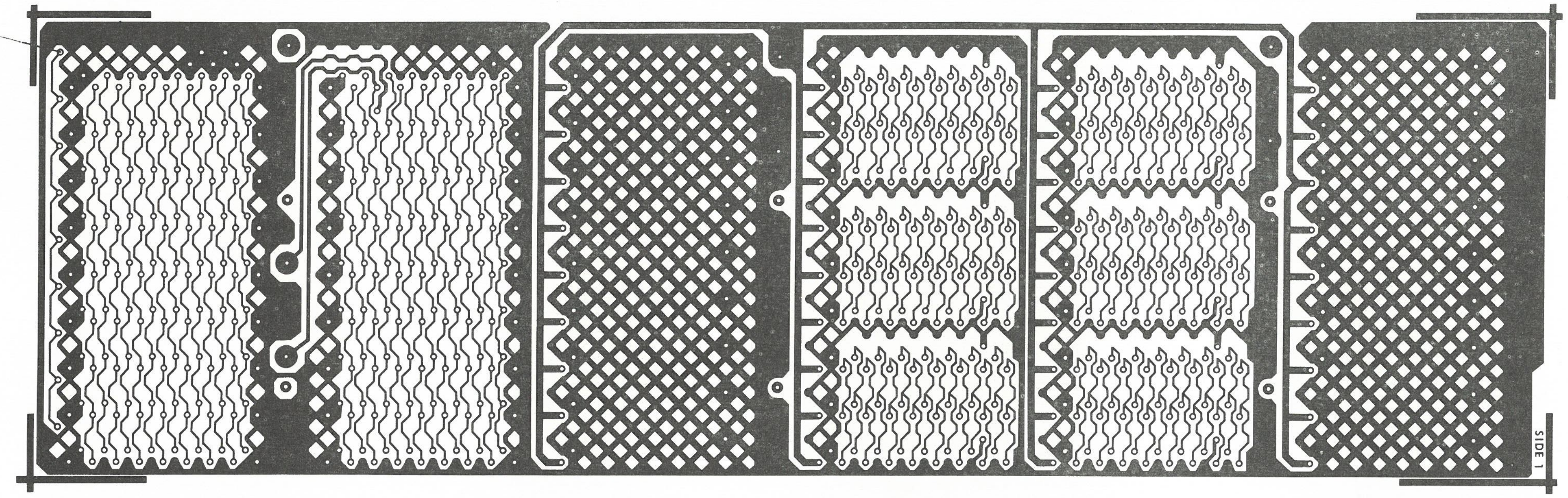
DRN. CBM Coy DATE 3-6-72
CHK'D. DATE 4-4-72
ENG. DATE
PROJ. ENG. Ronald Howard DATE 4/11/72
PROD. DATE
NEXT HIGHER ASSY D-AD-7008872-0-0
SCALE —//—
SHEET 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE REGULATOR BOARD

SIZE	CODE	NUMBER	REV.
D	CS	5409728-YA-1	A

DIST.



BLOCK SIDE (SIDE 1)

REV. A

SIZE C | CODE | NUMBER 54[illegible]959-0-1

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30′

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL

FINISH

DRN.	DATE
CHK'D.	DATE
ENG.	DATE
PROJ. ENG.	DATE
PROD.	DATE

NEXT HIGHER ASSY. 7008872 0 0

SCALE

SHEET 1 OF 2

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE CIRCUIT SCHEMATIC

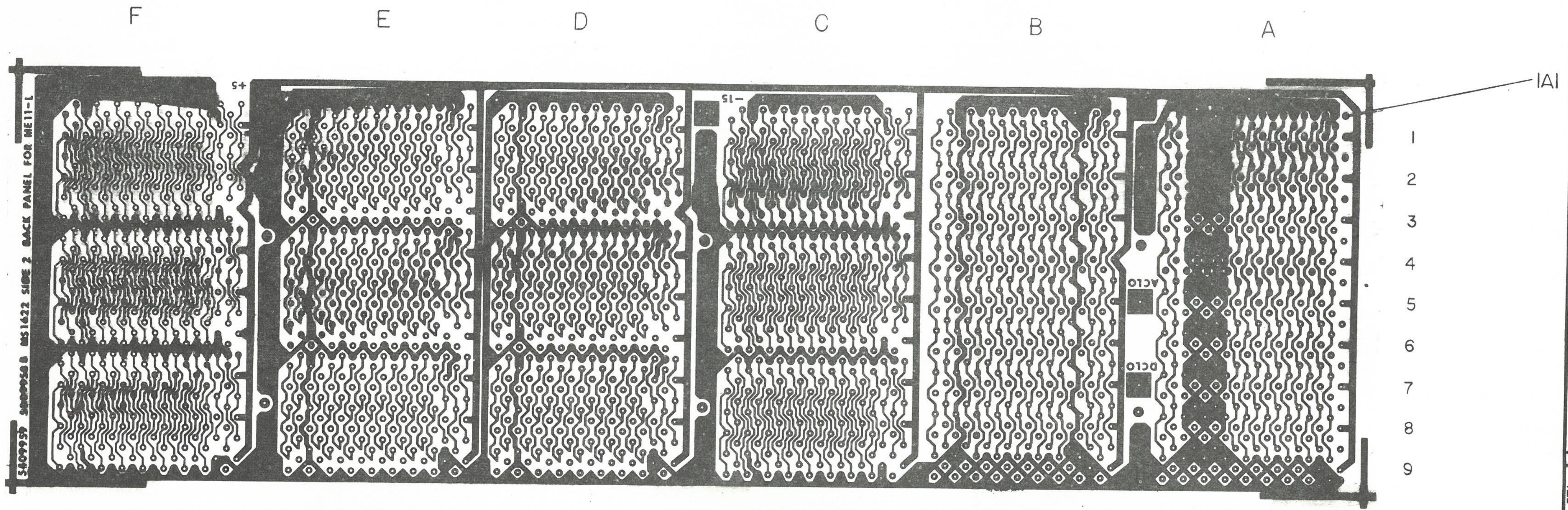
SIZE	CODE	NUMBER	REV
C	CS	5409959 0 1	A

DIST

REVISIONS
REV.
CHANGE NO.
CHK

BRUNING 40-107 15968

DEC FORM NO.



SOLDER SIDE (SIDE 2)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION		PART NO.	ITEM NO.
	PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. B. J. Haile	DATE 8-23-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
DECIMALS: .XXX = .005 .XX = .02 .X = .1 / ANGLES: ±0° 30′	CHK'D.	DATE 8/-31-72	TITLE		
	ENG. S. ROTHMAN	DATE 8/31/72	CIRCUIT SCHEMATIC		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROJ. ENG. S. ROTHMAN	DATE 8/31/72			
	PROD. R. PETERSON	DATE 8/31/72			
MATERIAL	NEXT HIGHER ASSY. E-AD-7008872-0-0		SIZE C	CODE CS	NUMBER 5409959-0-1 / REV. A
FINISH	SCALE 1/1 SHEET 2 OF 2		DIST.		

SIZE	CODE	NUMBER	REV.
C	CS	5409959-0-1	A

REVISIONS		
CHK	CHANGE NO.	REV.

BRUNING 40-107 15968

DEC FORM NO.
DRC 100-A

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET ☐☐☐☐☐☐

	SEQUENCE
DWG. DIRECTORY	B-DD-BC05-0
LINE SET 115V	C-UA-BC05H-0-0
LINE SET 230V	C-UA-BC05J-0-0
A.C INPUT BOX	D-UA-H400-0-0
A.C INPUT BOX (P.L)	A-PL-H400-0-0
PWR CONTROL BD. 115V	C-IA-5409824-0-0
PWR CONTROL BD. 230V	C-IA-5409825-0-0

UNIT VARIATIONS

VARIATION	TITLE	PRINT SET TYPE BC05H-1					
BC05H	LINE SET 115VAC 7 AMP	X					
BC05J	LINE SET 230VAC 5 AMP	X					

REVISIONS	
REV	
CHG. NO.	
DATE	

USED ON OPTION/MODEL	
11/0	

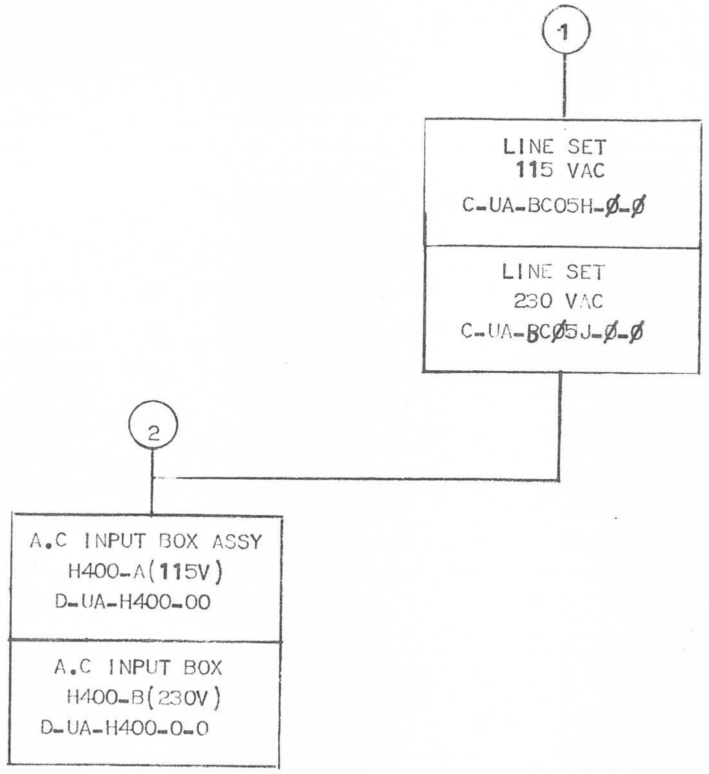
DRN. D. FONTAINE	DATE 4/ /72
CHK'D. [illegible]	DATE [illegible]
PROJ ENG. [illegible]	DATE [illegible]
PROD. [illegible]	DATE [illegible]
FIELD SERV. [illegible]	DATE [illegible]
SHEET 1 OF 3	

TITLE
LINE SET

SIZE	CODE	NUMBER	REV
B	DD	BC05H-0	

DIST

DRB 106
DEC 16-(325)-1062-1-N871



TITLE		SIZE	CODE	NUMBER	REV
LINE SET	SHEET OF	B	DD	BC05H-0	

DRB 107
DEC 16 (325)-1062-3-N871

ELECTRICAL

CUSTOMER PRINT SET BC05-H-1					MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X						2.	C-IA-5409824-0-0		1	POWER CONTROL BD 115V	H400
X							C-IA-5409825-0-0		1	POWER CONTROL BD 230V	H400

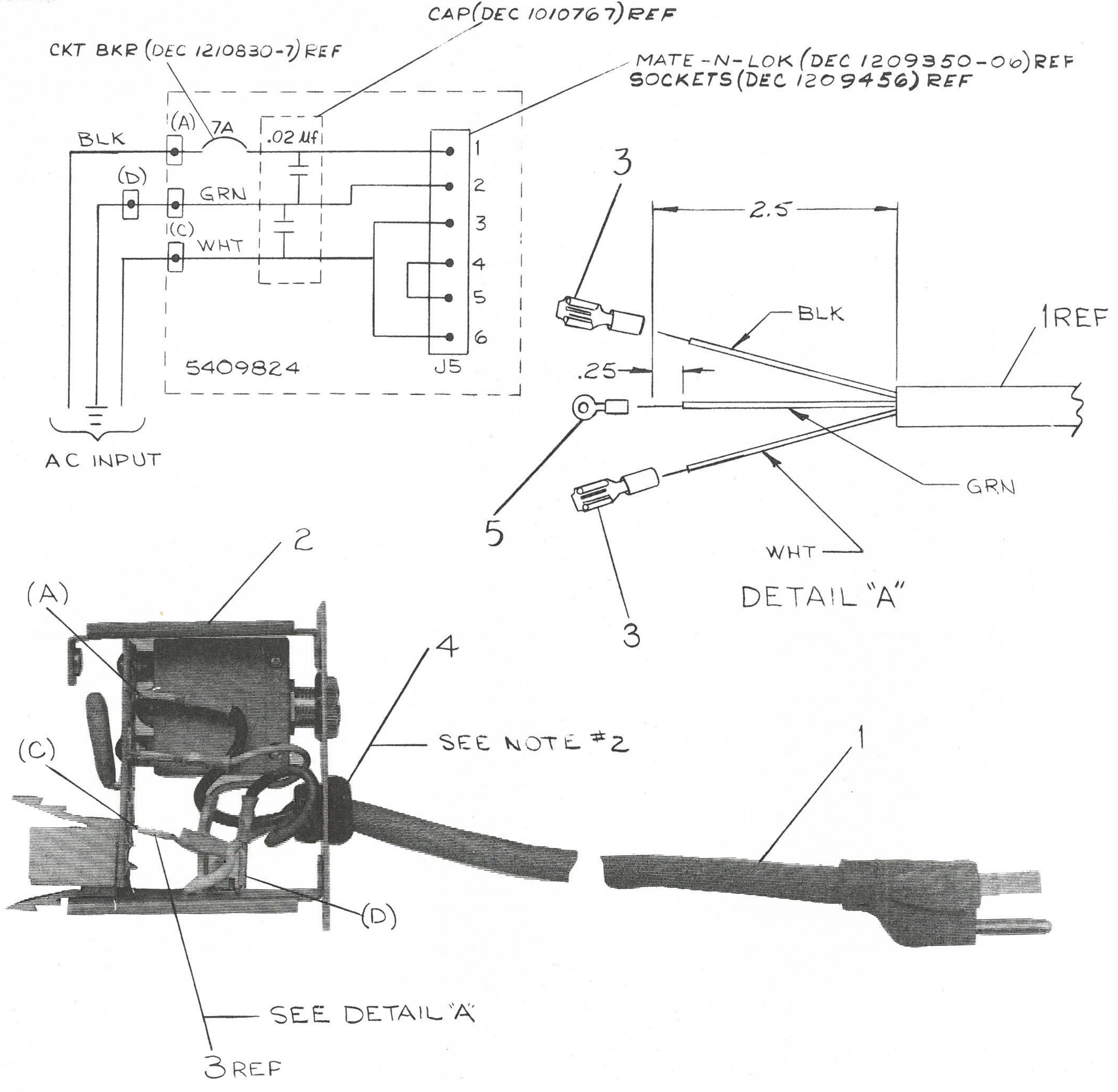
MECHANICAL

CUSTOMER PRINT SET BC05-H-1					MFG SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X						1.	C-UA-BC05H-0-0		1	LINE SET 115V 7 AMP	BC05H
X							C-UA-BC05J-0-0		1	LINE SET 230V 5 AMP	BC05J
X						2.	D-UA-H400-0-0		1	AC INPUT BOX	H400
X							A-PL-H400-0-0		1	A.C INPUT BOX PARTS LIST	H400
							D-IA-5309845-0-0		1	BOX	H400
							C-MD-5309849-0-0		1	COVER	H400
							A-DC-5309899-0-0		1	PWR CONTROL DECAL 115V	H400
							A-DC-5309900-0-0		1	PWR CONTROL DECAL 230V	H400

TITLE	SHEET OF	SIZE	CODE	NUMBER	REV
		B	DD	[illegible]	

DRB 108

DEC - IA - (325) [illegible]



DETAIL "A"

SHOWN WITHOUT COVER

NOTES:

1. CONNECT ITEM #1 (POWER CORD) AND ITEM #2 (AC INPUT BOX) PER CIRCUIT SCHEMATIC.
2. FOR INSTALLATION USE HEYCO #29 STRAIN RELIEF PLIERS

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	SOLDER CONN ARKLESS	9007929-0	5
1	STRAIN RELIEF SR-6N3-4	9008492-2	4
2	SOLDERLESS CONN. ARKLESS	9007919	3
1	AC INPUT BOX H400 A	D-UA-H400-0-0	2
1	POWER CORD 120 V	1700015-6	1

PARTS LIST

FIRST USED ON OPTION/MODEL
11/05

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —

FINISH —

		DATE
DRN.	T. Quillin	12-27-71
CHK'D	C. Fortune	1-4-72
ENG.	David DeMoranville	1-4-72
PROJ. ENG.	Russell Howery	1-7-72
PROD.	R.K. Peterson	1/7/72

NEXT HIGHER ASSY. —

SCALE —
SHEET 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
LINE SET
115V AC 7 AMP

SIZE	CODE	NUMBER	REV.
C	UA	BC05H-0-0	D

DIST.

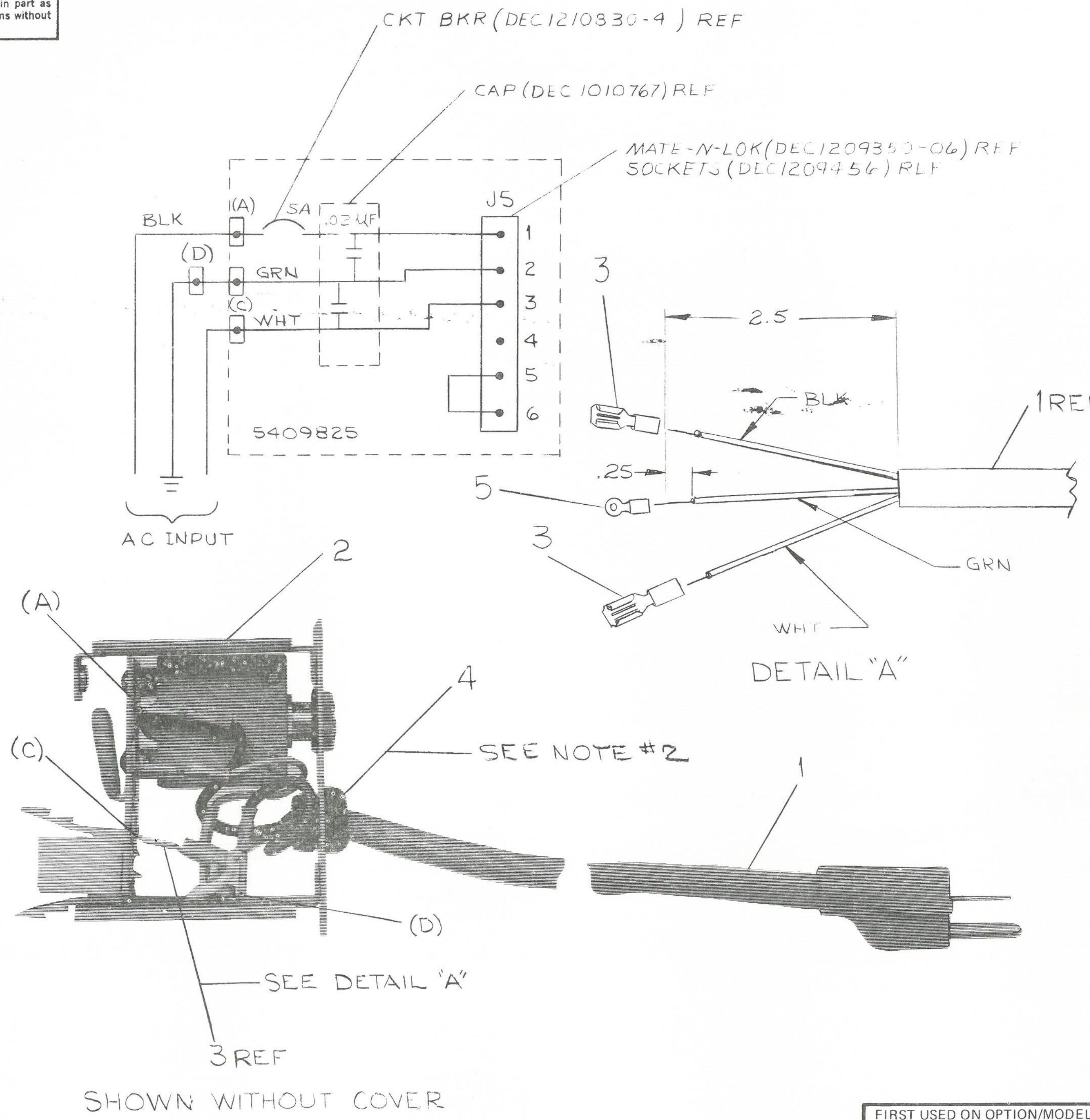
REVISIONS

REV.	CHANGE NO.	CHK		
A	BC058H-00001		3-28-72	R. WOLFF
B	BCC5H-00002		5-3-72	DEMORANVILLE
C	H40C-00002		5-25-72	R. BURTON
E	BC05H-00003		5-31-72	R. BURTON
			11-2-72	

DEC FORM NO.
DRC 100-A

NOTES:

1. CONNECT ITEM #1 (POWER CORD) AND ITEM #2 (AC INPUT) PER CIRCUIT SCHEMATIC.
2. FOR INSTALLATION USE HAYCO #29 STRAIN RELIEF PLIERS.



1	SOLDER CONN ARKLESS	9007927-0	5
1	GROMMET HEYCO 6 P4	9008492-2	4
2	SOLDER CONN ARKLESS	9007919	3
1	AC INPUT BOX H400 B	D-UA-H400-0-0	2
1	POWER CORD 240V	1700016-6	1
QTY.	DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST

FIRST USED ON OPTION/MODEL: 11/05

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30′

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL: —/—/—

FINISH: —/—/—

DRN. T. Quillin	DATE 12-27-71
CHK'D. O. Fontaine	DATE 1-4-72
ENG. David DeMoranville	DATE 1-4-72
PROJ ENG. Ronald Hertz	DATE 1-7-72
PROD. R.K. Peterson	DATE 1/7/72

NEXT HIGHER ASSY. —/—/—

SCALE —/—/—

SHEET 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
LINE SET
230VAC 4 AMP

SIZE	CODE	NUMBER	REV.
C	UA	BC05J-0-0	C

DIST.

SIZE	CODE	NUMBER	REV.
C	UA	BC05J-0-0	C

REVISIONS

CHK	CHANGE NO.	REV.
	BC05J-00001	A
	W. Lundquist [illegible]	
	WOLFF	
	[illegible]	
	H400-C0002	B
	[illegible] 5-31-72	
	R. BURTON	
	R. Burton 5-31-73	
	BC05J-C0002	C
	[illegible] 10-31-72	
	R. BURTON	
	R. Burton 11-2-72	

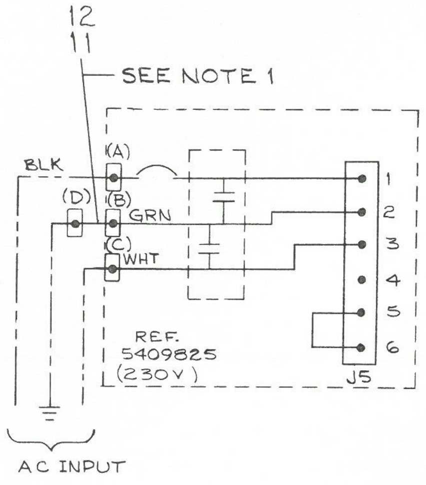
DEC FORM NO.
DRC 100-A

D UA H400-0-0 REV. B

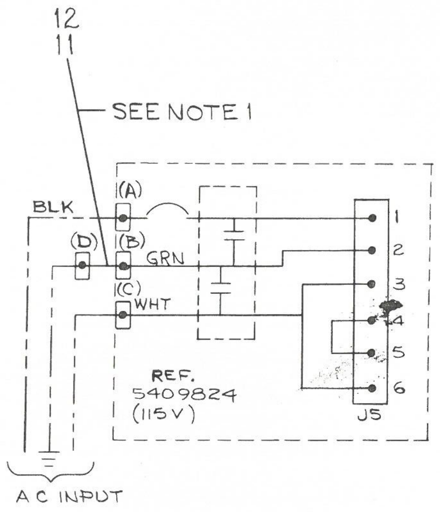
LEGEND	
NUMBER	VARATION
H400-A	115V
H400-B	230V

NOTES:

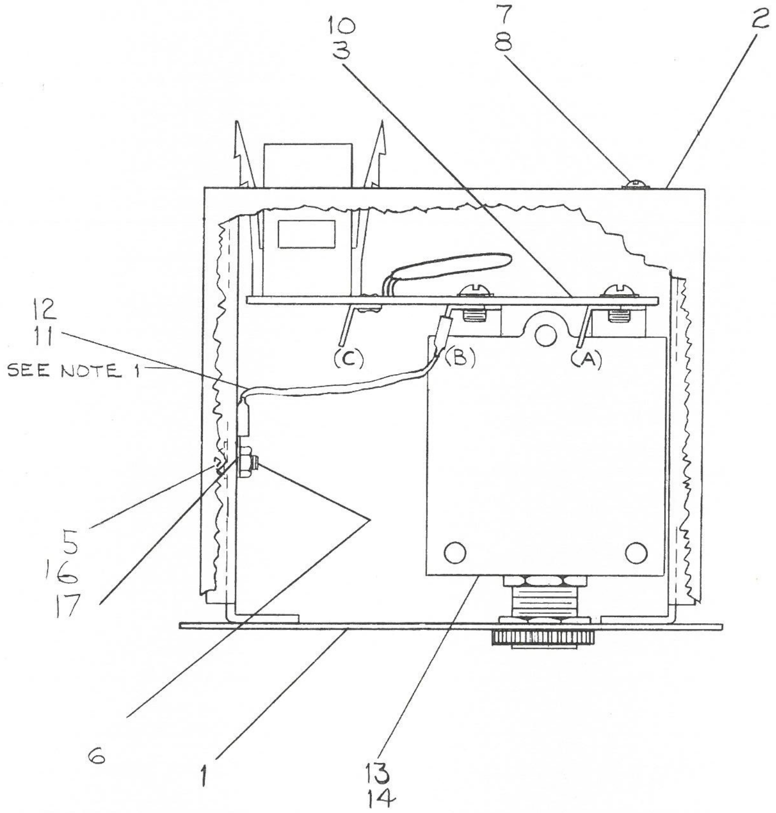
1. ITEM #11 (WIRE) AND TWO OF ITEM #12 (FASTON TABS) ARE TO BE CONNECTED FROM POINT D TO POINT B.
2. FOR LINE CORD INSTALLATION (115V) SEE DWG. C-UA-BC05H-0-0 FOR (230V) SEE DWG. C-UA-BC05J-0-0

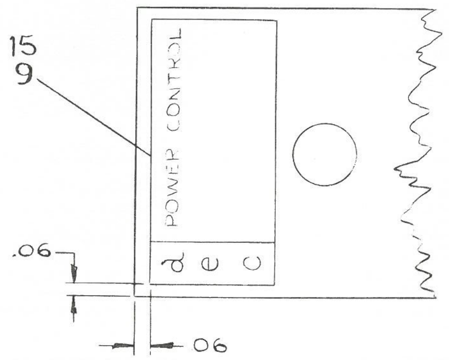


SEE NOTE 2



SEE NOTE 2





FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
D-UA-BC05H-0-0	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30′

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —

FINISH —

DRN. T. Guillin	DATE 12-23-71
CHK'D D. Fortier	DATE 1-9-72
ENG. [illegible]	DATE 1-72
PROJ. ENG. [illegible]	DATE 1-7-72
PROD. R. Peterson	DATE 1/7/72

NEXT HIGHER ASSY. D-U-BC05H-0-0

SCALE —

SHEET OF

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
AC INPUT BOX
ASS'Y

SIZE	CODE	NUMBER	REV.
D	UA	H400-0-0	B

DIST.

REVISIONS

REV.	CHANGE NO.	CHK			
A	H400-00002		5-25-72	R. BURTON	R. Burton 5-31-72
B	H400-00003	RM		R. BURTON	R. Burton 11-9-72

DEC FORM NO
DRD 100-A

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY TYRONE QUILLIN	CHECKED	SECTION 1
DATE 12-1-71	DATE 1-4-72	
ENG David [illegible]	PROD R.K. Peterson	ISSUED SECT. 1
DATE [illegible]	DATE 1/2/72	

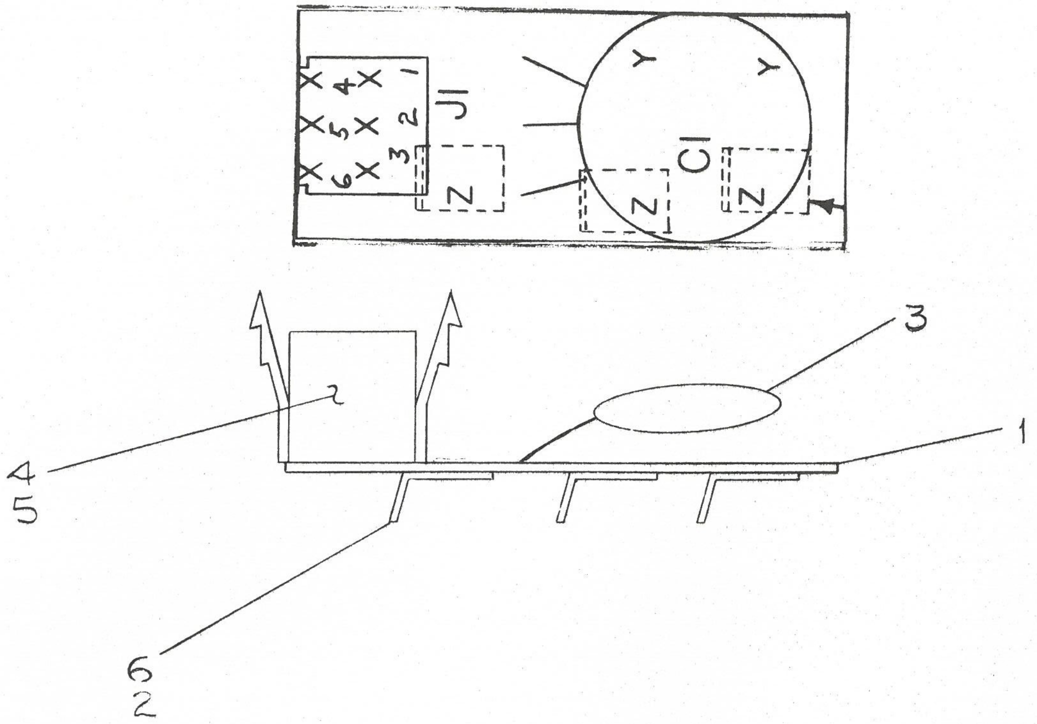
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION H400-A (115V)	H400-B (230V)
1	D-IA-5309845-0-0	BOX	1	1
2	C-MD-5309849-0-0	COVER	1	1
3	C-IA-5409825-0-0	POWER CONTROL BOARD (230V)	–	1
4	~~9007113~~	~~DOUBLE FASTAB~~	~~1~~	~~1~~
5	9008301-1	SCR PHL PAN HD #4-40 x ¼ LG	1	1
6	9006557	KEP NUT HEX HD #4-40	1	1
7	9006633	WASHER INT. #6	1	1
8	9006020-1	SCR PHL PAN HD #6-32 x ¼ LG	1	1
9	A-DC-5309899-0-0	PWR CONTROL DECAL 115V	1	–
10	C-IA-5409824-0-0	POWER CONTROL BOARD (115V)	1	–
11	9107360-55	#18 AWG STRD ~~TEF INS~~ (GRN 3 IN.LG)	1	1
12	9007917	FASTON TABS	1	1
13	1210830-4	CRK BREAKER (WOOD 4 AMP)	–	1
14	1210830-7	CRK BREAKER (WOOD 7 AMP)	1	–
15	A-DC-5309900-0-0	PWR CONTROL DECAL (230V)	–	1
16	9006632	WASHER # 4 INTERNAL TOOTH	1	1
17	9007929 01	CRIMP-ON EYELET	1	1

TITLE AC INPUT BOX ASS'Y	ASSY NO. D-UA-H400-0-0	SIZE A	CODE PL	NUMBER H400-0-0	REV B	ECO NO. H400-00003	
	SHEET 1 OF 1	DIST					

DEC FORM DEC 16 (325) 1031 N870
DRA 110

NOTES:

1. FOR CIRCUIT SCHEMATIC REFER TO DWG D-UA-H400-0-0
2. ETCHED BOARD #5009821 MUST BE U.L. APPROVED. MANUFACTURER'S U.L. NUMBER LOCATION IS SHOWN ON AH DRAWING.



QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
		ASSY/DRILLING HOLE LAYOUT	[illegible]-5409824-0[illegible]	REF
3		FASTON TAB	9008219	6
6		P.C. SOCKETS FEMALE	1209456	5
1	J1	MATE-N-LOCK 6-PIN	1209350-06	4
1	C1	CAP INPUT .02 μF	1010767	3
3		EYELET # GS4-5	9009000	2
		ETCHED CIRCUIT BD	5009821	1
		MODULE ECO HISTORY	B-MH-5409824-0-6	REF
		X-Y COORDINATE HOLE LOCATION	K-C0-5409824-0-0	REF

PARTS LIST

FIRST USED ON OPTION/MODEL
H400 A

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
.XXX ± .005 .XX ± .02 .X ± .1	± 0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL

FINISH

		DATE
DRN.	T. Quillin	12-8-71
CHK'D		1-72
ENG.		
PROJ. ENG.		1-6-72
PROD.		1/7/72

NEXT HIGHER ASSY
C-UA-H400-0-0

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
POWER CONTROL BOARD (115V)

SIZE	CODE	NUMBER	REV.
C	IA	5409824-0-0	B

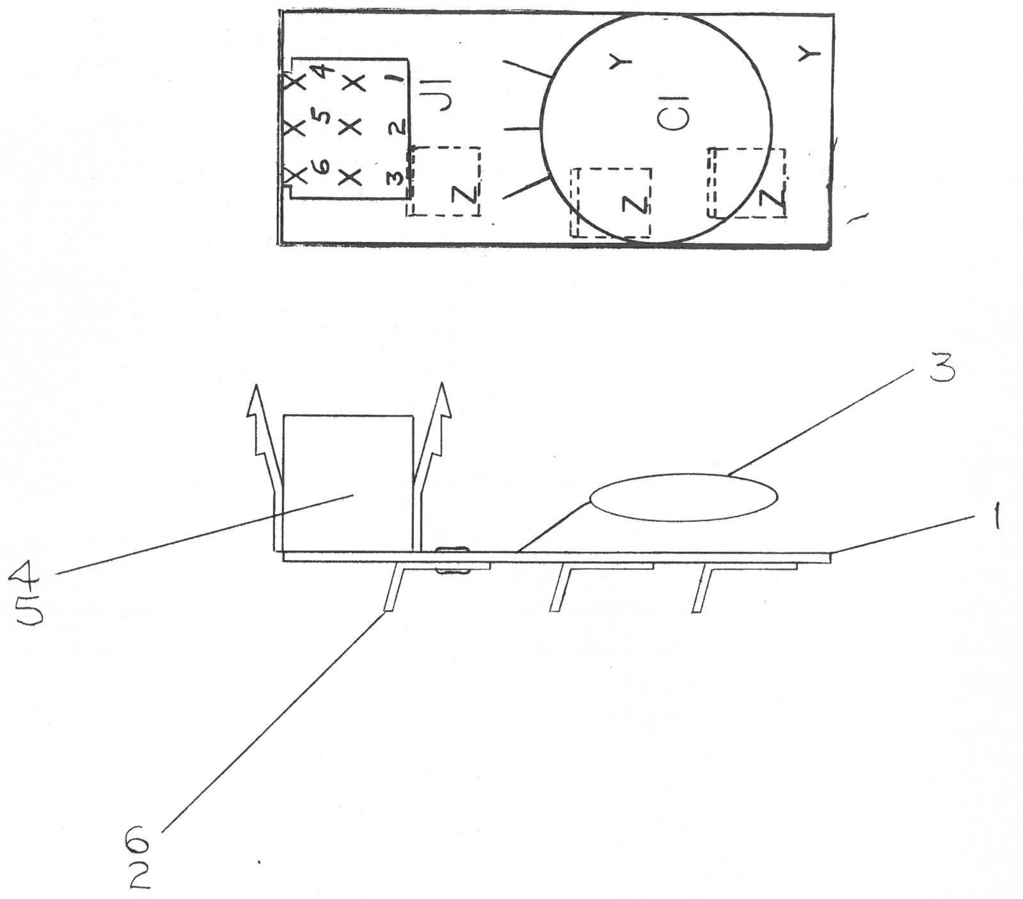
REVISIONS

CHK	CHANGE NO.	REV.
	5409824-00001	A
	R. WOLFF	
	5409924-00002	B
	R. BURTON	

DEC FORM NO.

NOTES:

1. FOR CIRCUIT SCHEMATIC REFER TO DWG D-UA-H400-0-0.
2. ETCHED BOARD # 5009822 MUST BE U.L. APPROVED. MANUFACTURER'S U.L. NUMBER LOCATION IS SHOWN ON AH DRAWING.



QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
		ASSY/DRILLING HOLE LAYOUT	D-AH-5409825-0-5	REF
3		FASTON TAB	9008219	6
6		P.C. SOCKETS MALE	1209456	5
1	J1	6-PIN MATE-N-LOCK	1209350-06	4
1	C1	CAP. INPUT .02 μF	1010767	3
3		EYELET # G54-5	9009000	2
1		ETCHED CIRCUIT BOARD	5009822	1
		MODULE ECO HISTORY	B-MH-5409825-0-6	REF
		X-Y COORDINATE HOLE LOCATION	K-CO-5409825-0-4	REF

PARTS LIST

FIRST USED ON OPTION/MODEL
H400 B

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
XXX = .005 XX = .02 X = .1	± 0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL
—/— —/—

FINISH
—/— —/—

DRN.	T. Guillin	DATE 12-9-71
CHK'D.	[illegible]	DATE 1-4-72
ENG.		DATE
PROD. ENG.	[illegible]	DATE 1-2-72
PROD.	RKT [illegible]	DATE 1/21/72

NEXT HIGHER ASSY
C UA-H400-0-0

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
POWER CONTROL
BOARD (230V)

SIZE	CODE	NUMBER	REV.
C	IA	5409825-0-0	A

SHEET 1 OF 1

REVISIONS

CHK	CHANGE NO.	REV.
[illegible]	E401845-0001	A

R. WOLFF

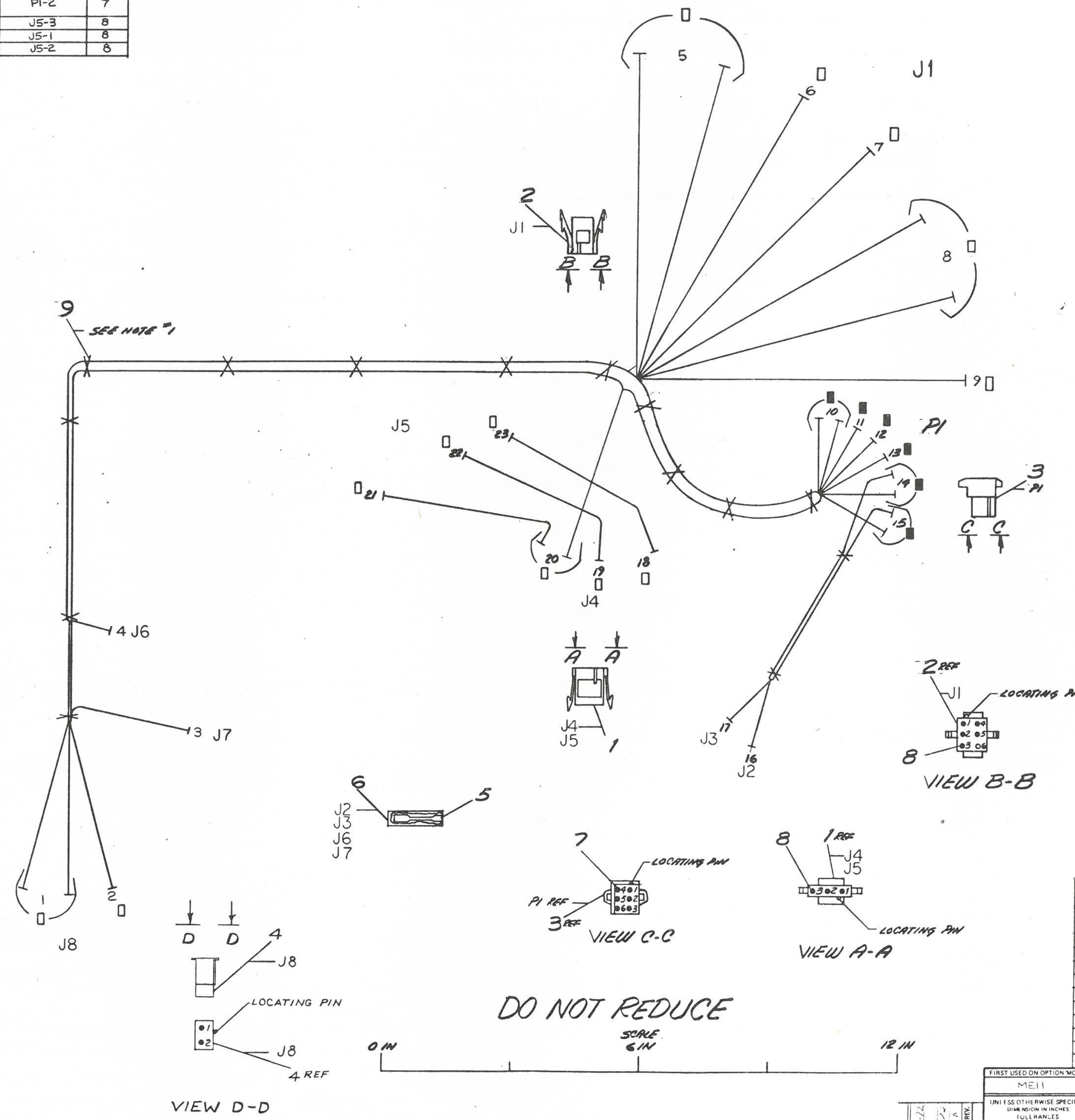
Re [illegible] 72-2-2

WIRE TABLE

ITEM NO	DESCRIPTION AWG	DESCRIPTION COLOR	FROM POINT	FROM CONNECTION	FROM WITH	TO POINT	TO CONNECTION	TO WITH
11	*18	RED	1	J8-2	8	3	J7-1	5
11		RED				8	J1-4	8
11		RED	13	P1-4	7			
11		RED	2	J8-1	8	11	P1-1	7
10		WHT	4	J6-1	5	5	J1-3	8
10		WHT	12	P1-6	7			
11		RED	6	J1-2	8	14	P1-5	7
11		RED	17	J3-1	5			
10		WHT	7	J1-1	8	15	P1-3	7
10		WHT	16	J2-1	5			
13		BLK	9	J1-5	8	10	P1-2	7
13		BLK	20	J4-3	8			
13		BLK				21	J5-3	8
12	18	VIO	18	J4-1	8	23	J5-1	8
14	22	GRY	19	J4-2	8	22	J5-2	8

NOTES:

1. USE TIE WRAPS (ITEM #9) APPROXIMATELY EVERY THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.
2. COMPONENTS TO BE LABELED WITH COMPONENT IDENTIFIERS, USING BRADY MARKERS.



	QTY.	DESCRIPTION	PART NO.	ITEM NO.
	A/R	WIRE #22 AWG (GRY)	9112350-88	14
	A/R	WIRE #18 AWG (BLK)	9107360-00	13
	A/R	WIRE #18 AWG (VIO)	9107360-77	12
	A/R	WIRE #18 AWG (RED)	9107360-22	11
	A/R	WIRE #18 AWG. (WHT)	9107360-99	10
X	A/R	TIE WRAP # SST1-M PANDUIT	9007031	9
	13	SOCKET TERMINAL CONTACT	1209379-01	8
	6	PIN TERMINAL CONTACT	1209378-01	7
	4	HOUSING 1-480917-0	1210820-1	6
	4	MINI FASTABS # 60291-1	1210820-2	5
	1	CONN MATE-N-LOCK (2 PINS)	1210821-02	4
	1	CONN MATE-N-LOCK (6 PINS)	1209351-06	3
	1	CONN MATE-N-LOCK (6 PINS)	1209350-06	2
	2	CONN MATE-N-LOCK (3 PINS)	1209350-03	1

PARTS LIST

FIRST USED ON OPTION MODEL: ME11

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS: .XXX = .005 .XX = .02 .X = .1
ANGLES: ±0° 30'
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓
MATERIAL: SEE PARTS LIST
FINISH: —

DRN: CoMcC DATE 3-10-72
CHK'D DATE
ENG. DATE 4-10-72
PROJ. ENG. DATE
PROD. — DATE

REVISIONS
REV. A
CHANGE NO.
CHK

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE: AC INPUT HARNESS (ME11-L)

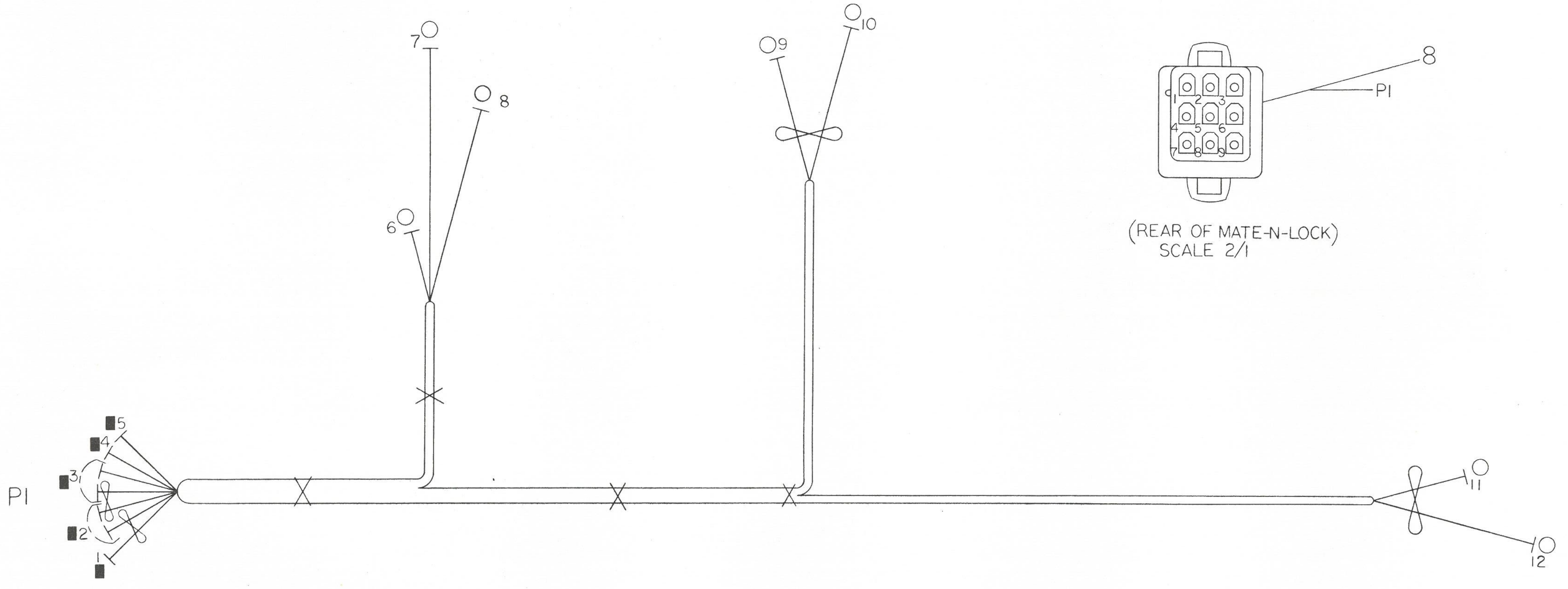
NEXT HIGHER ASSY. D-UA-ME11-L-Ø
SIZE E CODE IA NUMBER 7008889-0-0 REV. A
SCALE 1-1
SHEET 1 OF 1
DIST

WIRE TABLE

ITEM NO.	DESCRIPTION AWG	COLOR	FROM POINT	FROM CONNECTION	FROM TERM	TO POINT	TO CONNECTION	TO TERM	REMARKS
5	#18 TWP	BLU	1	P1-9	7	10		6	-15
		BLK	2	P1-2		9			GND
4	#18 TWP	BLK	2	P1-2		11			GND
		RED	3	P1-3		12			+5
3	#18	RED	3	P1-3		7			+5
1	#22	YEL	4	P1-1		8			ACLO
2	#22	VIO	5	P1-6	7	6		6	DCLO

NOTES:

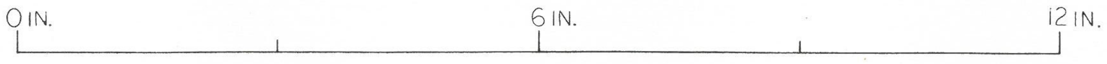
1. USE CABLE TIES (X) ITEM #9 AS SHOWN AND AT BREAK OUT POINTS WHERE NECESSARY.
2. COMPONENT TO BE LABELED WITH COMPONENT IDENTIFIERS, USING BRADY MARKERS.



(REAR OF MATE-N-LOCK)
SCALE 2/1

DO NOT REDUCE

SCALE



X	A/R	TIE, CABLE PANDUIT SST 1.5M	9007880	9
	1	CONN., MATE-N-LOCK 9 PIN MALE	1209351-09	8
■	5	PIN, MATE-N-LOCK MALE	1209378	7
○	7	CONN. SOLDERLESS #50902	9007917	6
	A/R	WIRE, #18 AWG STRD TWP BLU/BLK	9107430-06	5
	A/R	WIRE, #18 AWG STRD TWP RED/BLK	9107430-02	4
	A/R	WIRE, #18 AWG STRD (RED)	9107[illegible]0-22	3
	A/R	WIRE, #22 AWG STRD (VIO)	9107350-77	2
SYM	A/R	WIRE, #22 AWG. STRD (YEL)	9107350-44	1
	QTY.	DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST

FIRST USED ON OPTION/MODEL: ME11

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL: SEE PARTS LIST

FINISH: —

DRN.	DATE
CHK'D.	DATE 4-6-72
ENG.	DATE
PROJ. ENG.	DATE
PROD.	DATE

NEXT HIGHER ASSY. D-UA-ME11-L

SCALE

SHEET 1 OF

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
DC HARNESS
ASSY

SIZE	CODE	NUMBER	REV
D	IA	7008857-0-0	

DIST.

REVISIONS
REV
CHANGE NO.
CHK

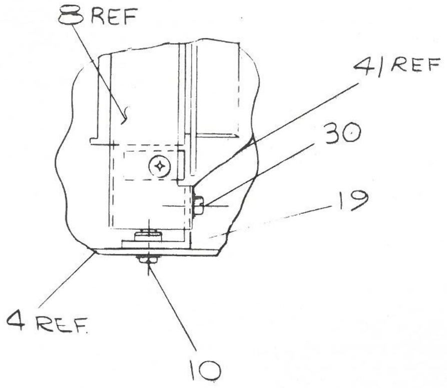
SIZE	CODE	NUMBER	REV
D	IA	7008857-0-0	

SIZE	CODE	NUMBER	REV
D	IA	7008357-0-0	

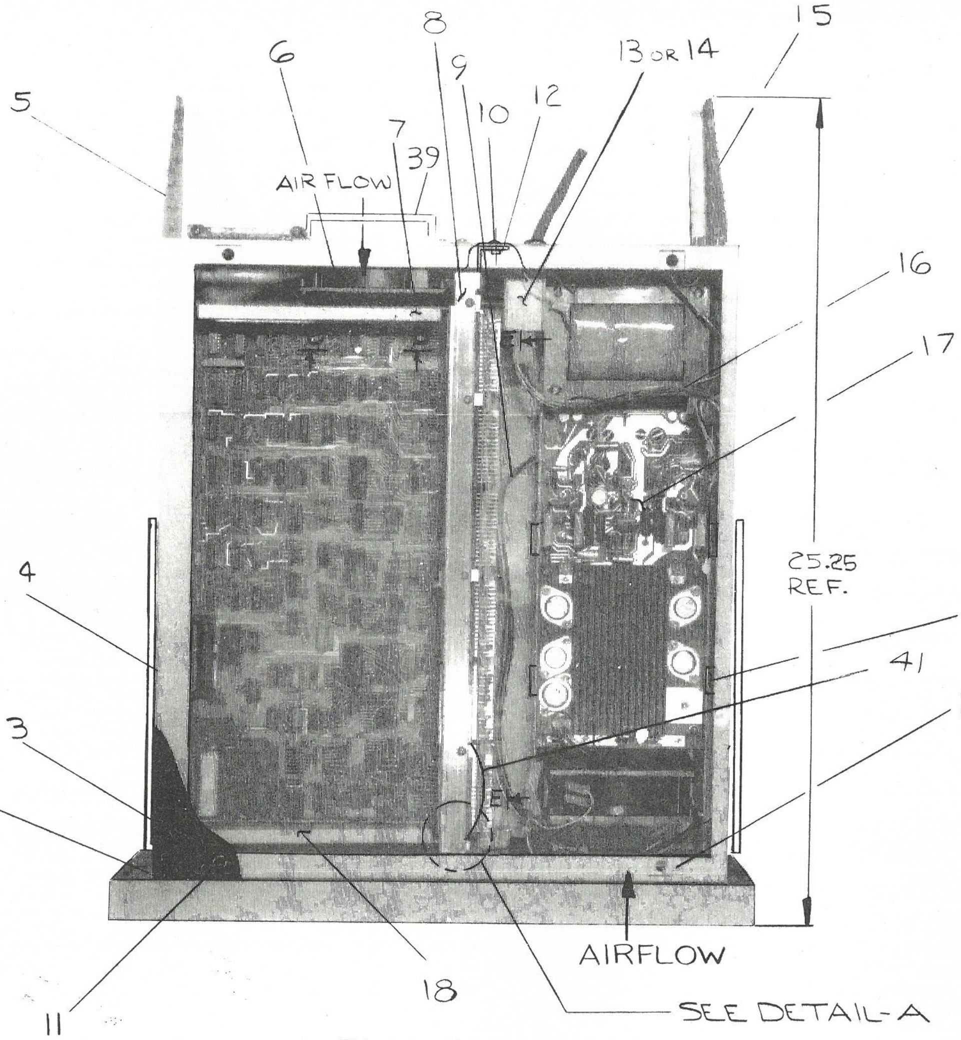
DEC FORM NO
DRS 100-A

NOTES:

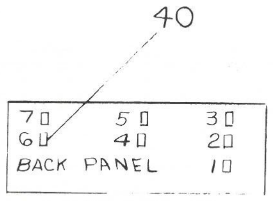
1. SEE D-UA-11/05-0 Ø SHEET 3 OF 3 VIEW L-L FOR DETAILS OF THIS VIEW.



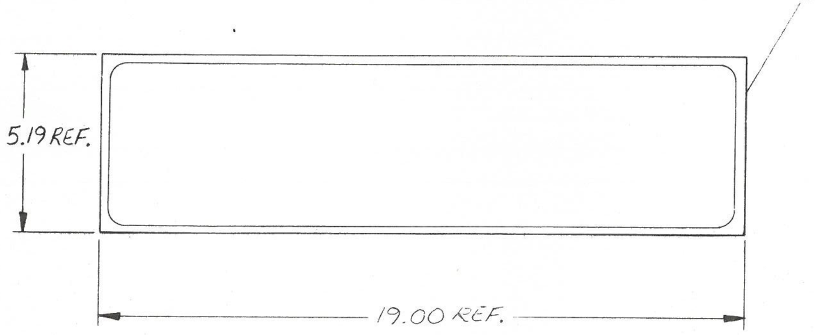
DETAIL-A



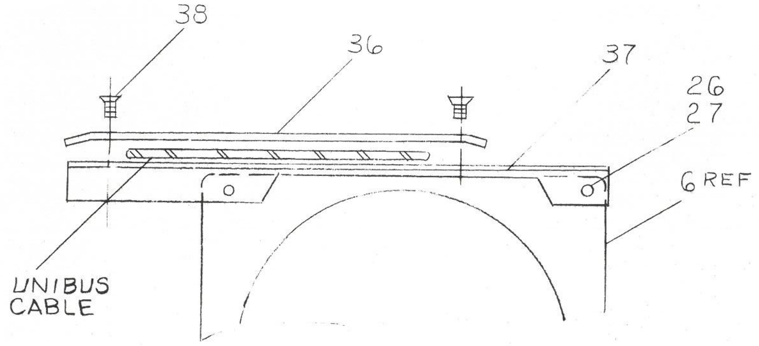
PLAN VIEW



VIEW E-E



FRONT VIEW



VIEW D-D

WIRE TABLE

PART NO	COLOR	FROM HARNESS CONN. NO	TO SYSTEM LOCATION
7008889		J1	TRANSFORMER
	WHT	J2	ME11-L FAN
	RED	J3	ME11-L FAN
	—	J4	BACK OF CHASSIS
	—	J5	
	RED	J6	P.S. FAN
	WHT	J7	P.S. FAN
		J8	P.S. THERMAL CUTOFF -J3
7008889		P1	AC INPUT BOX-H400
7008857	—	P1	POWER SUPPLY
	VIO	6	BP-1 VIEW E-E
	RED	7	BP-3
	YEL	8	BP-2
	BLK	9	BP-4
	BLU	10	BP-5
	BLK	11	BP-6
7008857	RED	12	BP-7
7409903	BLK	B.P.6	CHASSIS - DETAIL A
—	—	TRANSFORMER	POWER SUPPLY

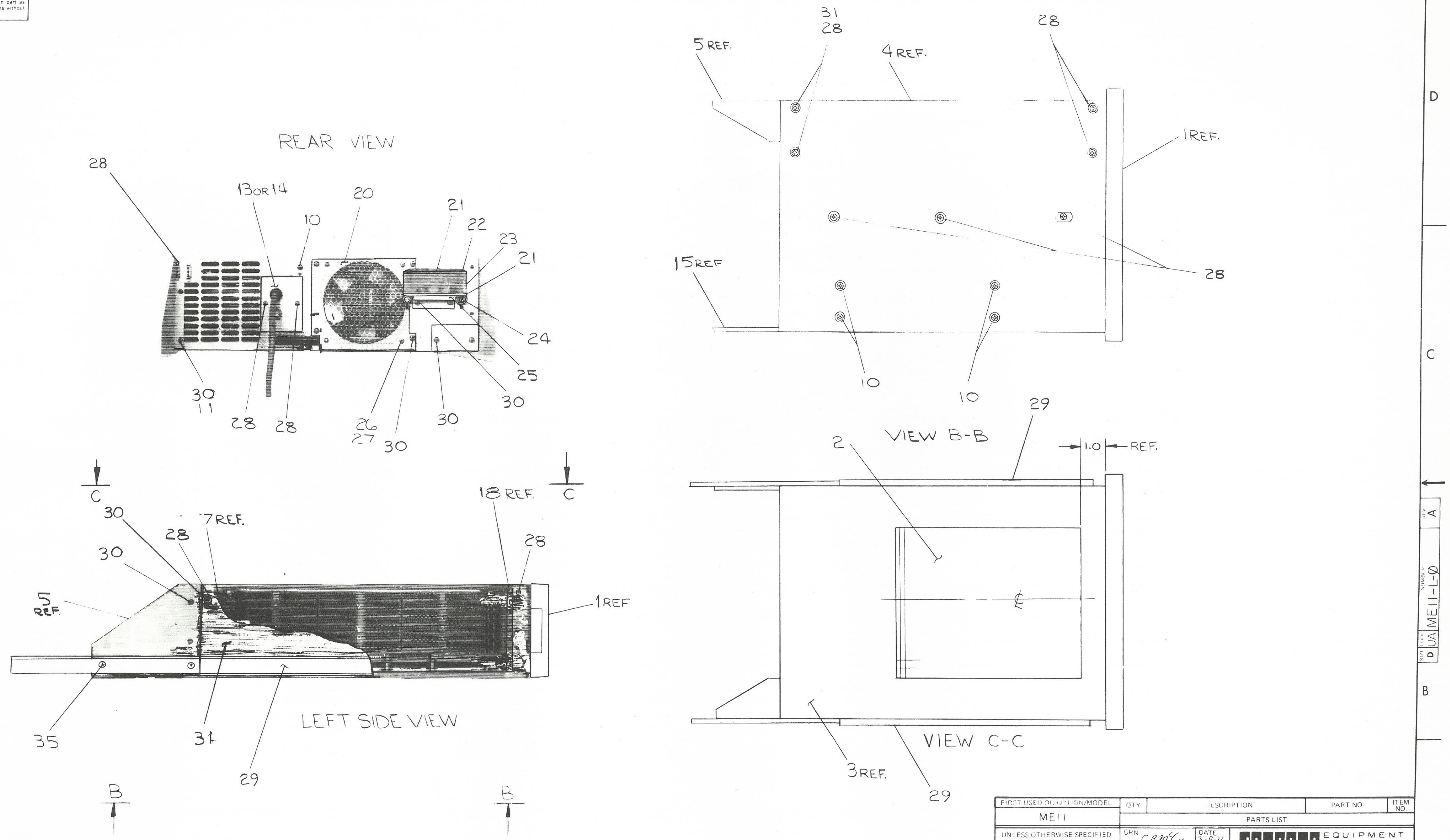
ME11-LA 115V 60 HZ	ME11-LP 230V 50 HZ	DESCRIPTION	PART NO.	ITEM NO.
1	1	JUMPER, POWER	B-IA-7409903-0-0	41
1	1	QUIK DISCONNECT	9007194	40
1	1	BRACKET	B-MD-74098[illegible]	39
2	2	SCR PHL HD FLAT #4-40 X 3/8	9006011-2	38
1	1	BRACKET, CABLE CLAMP	B-MD-7409818-0-0	37
1	1	PLATE, CABLE CLAMP	B-MD-7409817-0-0	36
10	10	SCR PHL PAN HD #8-32 X 1/4 LG	9006035-1	35
4	4	SPACER 1/8 LG	9006795	34
4	4	SCR PHL PAN #8-32 X 3/8 LG	9006037-1	33
4	4	CLAMP, CABLE (1/4)	9008442	32
1	1	COVER, SIDE	D-MD-7409533-0-0	31
18	18	SCR., PHL PAN HD. #8-32 x 1/4 NYLOK	9009191	30
1	1	CHASSIS TRACK	1210945	29
16	16	SCR., PHL PAN HD #6-32 x 5/16 NYLOK	9009186	28
6	6	CLIP FAN	9009165	27
6	6	SCR. PHL PAN HD #6-32 x 1/2	9006024-1	26
1	1	PLATE, LOWER RET.	D-MD-7409482-0	25
2	2	SWIVEL NUT	C-MD-7409480-0	24
1	1	BLOCK, CABLE RET.	D-PS-1210931-0-0	23
2	2	SCR., PHL PAN HD. #8-32 x 2"	9006047-1	22
1	1	PLATE, PRESSURE	C-MD-7409479-0	21
1	1	FAN MTG. PLATE	D-IA-7409463-0-0	20
1	1	RET. CONN. BLOCK (R.H.)	C-IA-7409551-0-0	19
1	1	CARD GUIDE ASSY (R.H.)	D-IA-7409581-0-0	18
1	1	POWER SUPPLY ASSY	D-AD-7008731-0-3	7
1	1	INPUT HARNESS (AC)	E-IA-7008889-0-0	16
1	1	BRKT., CHASSIS SLIDE (R.H.)	C-MD-7409449-0-0	15
—	1	LINE SET BCØ5J (23ØV 5ØHZ)	D-UA-BCØ5J-Ø-Ø	14
1	—	LINE SET BCØ5H (115V 6ØHZ)	D-UA-BCØ5H-Ø-Ø	13
1	1	RET. CONN. BLOCK (L.H.)	C-IA-7409476-0-0	12
4	4	CLIP-ON RECEPTICLE SOUTHCO	9009141	11
6	6	SCR., PHL. PAN HD. #8-32 x 3/8 NYLOK	9009192	10
1	1	DC HARNESS ASSY	D-IA-7008857-0	9
1	1	BACK PLAIN ASSY	E-AD-7008822-0-0	8
1	1	CARD GUIDE ASS'Y (L.H.)	D-IA-7409580-0-0	7
1	1	FAN, SUPER BOXER	1209403	6
1	1	BRK'T, CHASSIS SLIDE (L.H)	D-MD-7409459-0-0	5
1	1	CHASSIS	E-IA-7409458-0-0	4
1	1	COVER, TOP	C-MD-7409460-0-0	3
1	1	LABEL, DEC. 3-(387)-1507-N472		2
1	1	KIT BEZEL ASSY	A-PL-7008847-0	1
QTY.		DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST

REV A
SIZE D CODE UA NUMBER ME11-L-Ø

FIRST USED ON OPTION/MODEL ME11	DRN. C B McC[illegible]	DATE 3-8-72	DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	CHKD	DATE 4-7-72	
DECIMALS XXX .005 XX .02 X .1 / ANGLES ±0 30	ENG. C R Clas	DATE 4-10-72	TITLE
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY ✓	PROD ENG	DATE	UNIT ASS'Y (ME11-L)
MATERIAL ——	PROD	DATE	
	NEXT HIGHER ASSY B-DD-ME11-L	SIZE D	CODE UA / NUMBER ME11-L-Ø / REV
FINISH ——	SCALE NONE SHEET 1 OF 2	DIST	

REVISIONS
REV A
CHANGE NO
ME11
[illegible]



FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO.	ITEM NO.
ME11	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS		ANGLES
XXX	.005	±0 30'
XX	.02	
X	.1	

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —

FINISH —

DRN CB McCoy	DATE 3-8-72	
CHK'D	DATE 4-7-72	
ENG. R B	DATE 4-10-72	
PROJ/ENG	DATE	
PROD.	DATE	

NEXT HIGHER ASSY. —

SCALE NONE
SHEET 2 OF 2

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
UNIT ASS'Y
(ME11-L)

SIZE	CODE	NUMBER	REV.
D	UA	ME11-L-0	A

DIST

SIZE	CODE	NUMBER	REV
D	UA	ME11-L-0	A

REVISIONS
REV
CHANGE NO.
CHK

DIGITAL EQUIPMENT CORPORATION **MAYNARD, MASSACHUSETTS** SOFTWARE LIST			**LEGEND** D DOCUMENT DN DOCUMENT CHANGE NOTICE PA PAPER TAPE ASCII PB PAPER TAPE BINARY PM PAPER TAPE READ-IN-MODE
MADE BY Chuck Blasi **DATE** April 6, 1972	**CHECKED** **DATE** [illegible]	**SECTION** 1	
ENG **DATE** 4-10-72	**PROD** **DATE** 4/10/72	**ISSUED SECT.** 1	

ITEM NO.	DWG NO./PART NO.	DESCRIPTION	QUANTITY/VARIATION								
			ME11-L							KIT CHECK BY ___ DATE ___	INSTALLATION CHECK BY ___ DATE ___
1	MAINDEC-11-D1AA-D	Test 1 Address Test Up	1								
2	MAINDEC-11-D1AA-PB	Test 1 Address Test Up	1								
3	MAINDEC-11-D1BA-D	Test 2 Address Test Down	1								
4	MAINDEC-11-D1BA-PB	Test 2 Address Test Down	1								
5	MAINDEC-11-D1CC-D	Test 3 No Dual Addressing	1								
6	MAINDEC-11-D1CC-PB	Test 3 No Dual Addressing	1								
7	MAINDEC-11-D1DB-D	Test 4 Basic Memory Patterns	1								
8	MAINDEC-11-D1DB-PB	Test 4 Basic Memory Patterns	1								
9	MAINDEC-11-D1EB-D	Test 5 1's and 0's	1								
10	MAINDEC-11-D1EB-PB	Test 5 1's and 0's	1								
11	MAINDEC-11-D1FB-D	Test 6 1's Susceptibility	1								
12	MAINDEC-11-D1FB-PB	Test 6 1's Susceptibility	1								
13	MAINDEC-11-D1GC-D	Test 7 Worse Case Noise	1								
14	MAINDEC-11-D1GC-PB	Test 7 Worse Case Noise	1								
15	MAINDEC-11-D1HB-D	Test 8 Core Heating	1								
16	MAINDEC-11-D1HB-PB	Test 8 Core Heating	1								
17	MAINDEC-11-D1IC-D	Test 9 Randat	1								
18	MAINDEC-11-D1IC-PB	Test 9 Randat	1								

TITLE SOFTWARE LIST (ME11-L)	**ASSY. NO.** B-DD-ME11-L-0 **SHEET** 1 **OF** 1	**SIZE** A	**CODE** SL	**NUMBER** ME11-L-4	**REV.**	**ECO NO**
		DIST.				

DEC FORM NO.
DRA 120

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ACCESSORY LIST

MADE BY Chuck Blasi DATE April 6, 1972	CHECKED DATE 10 April 72	SECTION 1	
ENG DATE 10 APR 72	PROD R Peters DATE 4/10/72	ISSUED SECT. 1	

LEGEND
D DOCUMENT
DN DOCUMENT CHANGE NOTICE
PA PAPER TAPE ASCII
PB PAPER TAPE BINARY
PM PAPER TAPE READ-IN-MODE

ITEM NO.	DWG NO./PART NO.	DESCRIPTION	QUANTITY/VARIATION ME11-L	KIT CHECK BY ___ DATE ___	INSTALLATION CHECK BY ___ DATE ___
1	DEC-11-HMELA-A-D	ME11-L Manual	1		
2	BC11A-10	I/O Cable	1		
3	H950P	5 Inch Blank Panel	1		
4	90-06073-3	10-32 X 1/2" TRUSS HEAD SCREW	8		
5	90-06565	10-32 KEPNUTS	8		

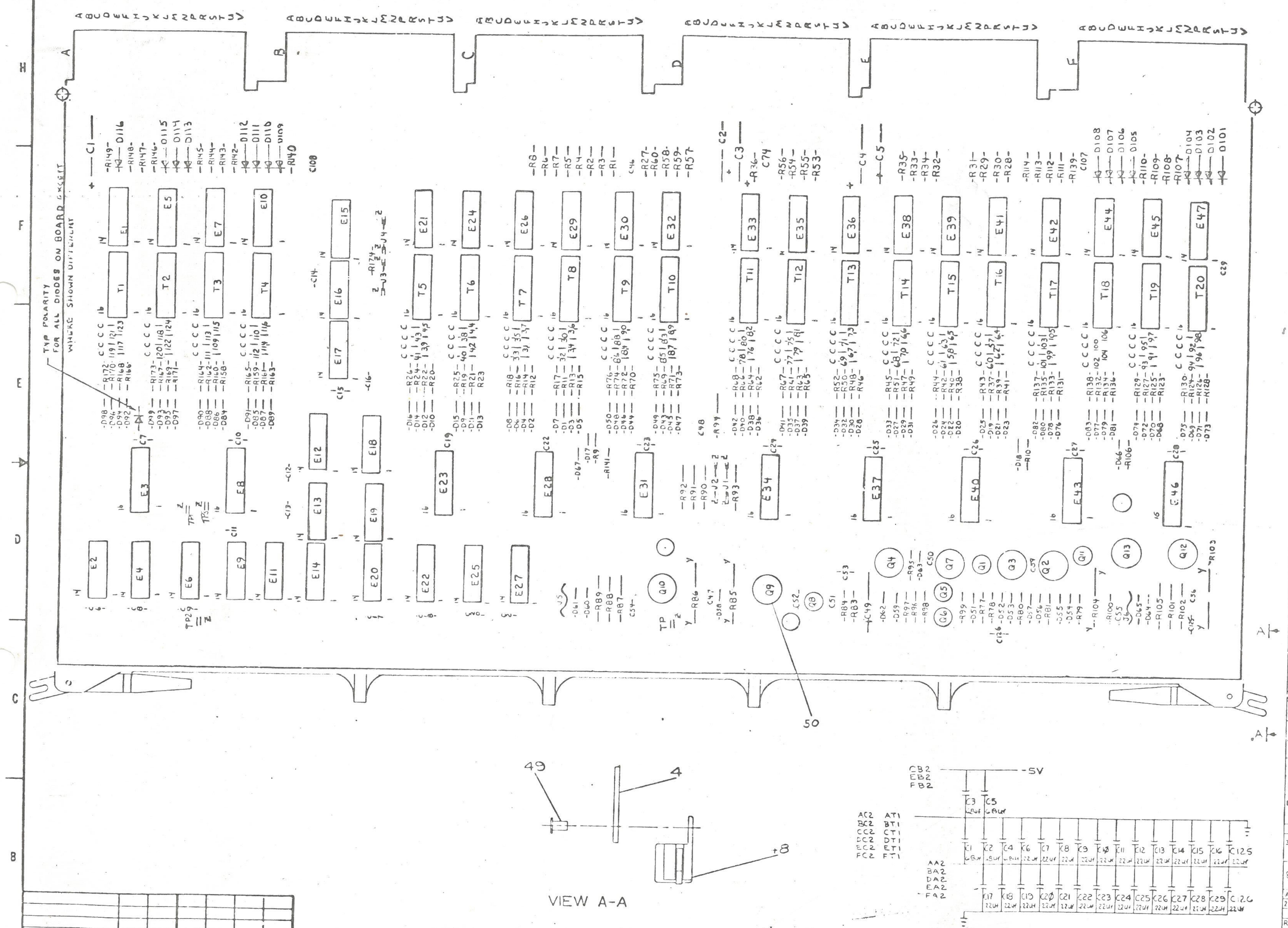
TITLE ACCESSORY LIST (ME11-L)	ASSY NO. B-DD-ME11-L SHEET 1 OF 1	SIZE A	CODE AL	NUMBER ME11-L-3	REV. A	ECO NO ME11L-[illegible]
		DIST.				

DEC FORM NO.
DRA 121

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS 01754

ARE 150Ω 1/4W 5% AND ALL CAPACITORS
ARE 680 PF 100V 5%.

2 J5 & J6 SHOULD BE 1.5 INCH OF INSULATED
LOOP



VIEW A-A

QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	C52	CAP 470PF 100V 5%	1000024	
3		STANDOFF 1/4" O.D. 7/16" LG 4-40TH	9009306	55
3		SCREW NYLON 3/8" LG 440TH	9006101-04	54
80	R11-26, R37-52, 61-76 R123-138, R158-173	RES 100Ω 1/4W 5%	1300229	53
				52
~~2~~	C56	CAP. 6.8PF 100V 5%	1000026	51
4		INSULATING FILM .265 × .600 × .002 THK	1008493	50
12		EYELET #GS4-7 2 B STIMPSON	9006732	49
1		HANDLE	1210711	48
8		SPLIT LUGS	9006735	47
4		HEAT SINK	1202313	46
7	E11-E14, E18, E19, E20	IC 74H74	1909667	45
1	E8	IC 74H04	1909931	44
10	E3, E8, E23, E28, E31, E34, E37, E40, E43, E46	IC 8251	1909594	43
3	E2, E4, E27	IC 74H00	1909058	42
2	E22, E25	IC 74H10	1909057	41
20	T1-T20	TRANSFORMER	1609996	40
4	E9, E15, E16, E17	IC DEC 7360	1909485	39
20	E1, E5, E7, E10, E21, E24, E26, E29, E30, E32, E33, E35, E36, E36, E39, E41, E42, E44, E45, E47	IC 4008 QUAD TRANSISTOR	1510015	38
4	Q9, Q10, Q12, Q13	TRANSISTOR 2N3762	1509649	37
3	Q6, Q8, Q11	TRANSISTOR 2N4258	1505321	36
1	Q1	TRANSISTOR 6534 D	1503409	35
1	Q5	TRANSISTOR 3009 B	1503100	34
3	Q2, Q3, Q7	TRANSISTOR 1008	1502155	33
1	Q4	TRANSISTOR 2219	1501881	32
4	R85, R86, R103, R104	RES 10.0 6W 1%	1310932	31
1	R92	RES 1.78K 1/8W 1%	1302642	30
1	R91	RES 909 1/8W 1%	1302685	29
2	R90, R94	RES 147 1/8W 1%	1302874	28
2	R89, R105	RES 2K 1/4W 5%	1302307	27
4	R9, R10, R106, R141	RES 680 1/4W 5%	1301424	26
1	R83	RES 750 1/4W 5%	1301401	25
4	R27, R36, R139, R140	RES 51 1/4W 5%	1309422	24
1	R97	RES 15K 1/4W 5%	1300436	23
1	R174	RES 16K 1/4W 5%	1300479	22
1	R95	RES 2.2K 1/4W 5%	1300417	21
4	R87, R88, R101, R102	RES 1.5K 1/4W 5%	1300394	20
2	R79, R80	RES 470 1/4W 10%	1300317	19
3	R84, R99, R100	RES 1.5K 1/4W 5%	1300391	18
1	R93	RES 470 1/4W 5%	1300315	17
A/R		WIRE JUMPER AWG #18 STRANDED (BLACK)	9107560-0	16
2	R78, R80.	RES 330 1/4W 5%	1300295	15
41	R1-R8, R28-R35 R53-R60, R96 R107-R114 R142-R149	RES 150 1/4W 5%	1300250	14
2	R77, R81	RES 100 1/4W 5%	1300229	13
1	D50	DIODE 1N823 ZENER	1105500	12
25	D17, D18, D55, D60, D61, D64-D67 D101-D116	DIODE D672	1105275	11
89	D1-D16, D19-D54, D56, D57, D59, D62, D63, D68-D99	DIODE D664	1100114	10
6	C1-C5, C49	CAP 6.8 MFD 35V 20%	1000067	9
36	C6-C29 C46 C47, C48 C50, C53, C54, C74, C107, C108 C125 C126 C59	CAP .22uf 50V -20% 80%	1010274	8
80	C30-C45 C57 C58, C60-C73, C75-C106, C109-C124	CAP 1000PF 100V 5% DM	1000042	7
A/R		WIRE JUMPER AWG #22 SOLID	9107560-01	6
2	C51, C55	CAP 39PF 100V 5% DM	1000010	5
1		ETCHED CIRCUIT BOARD	5009708	4
REF		MODULE ECO HISTORY	B-MH-G321-00	3
REF		ASSY DRILLING HOLE LAYOUT	C-AH-G231-[illegible]	2
REF		X-Y COORDINATE HOLE LOCATION	K-CO-G231-04	1

PARTS LIST

ETCH BOARD REV

FIRST USED ON OPTION, MODEL
MMI1-L

2N4258	SAME
6534D	NONE
3009-B	2N3646
2219	2N2219
1N823	NONE

			16		J6-A	J6-B
			16		J5-A	J5-B
			6		J4-A	J4-B
			6		J3-A	J3-B
			6		J2-A	J2-B
IC TYPE	GND	+5V	6		J1-A	J1-B

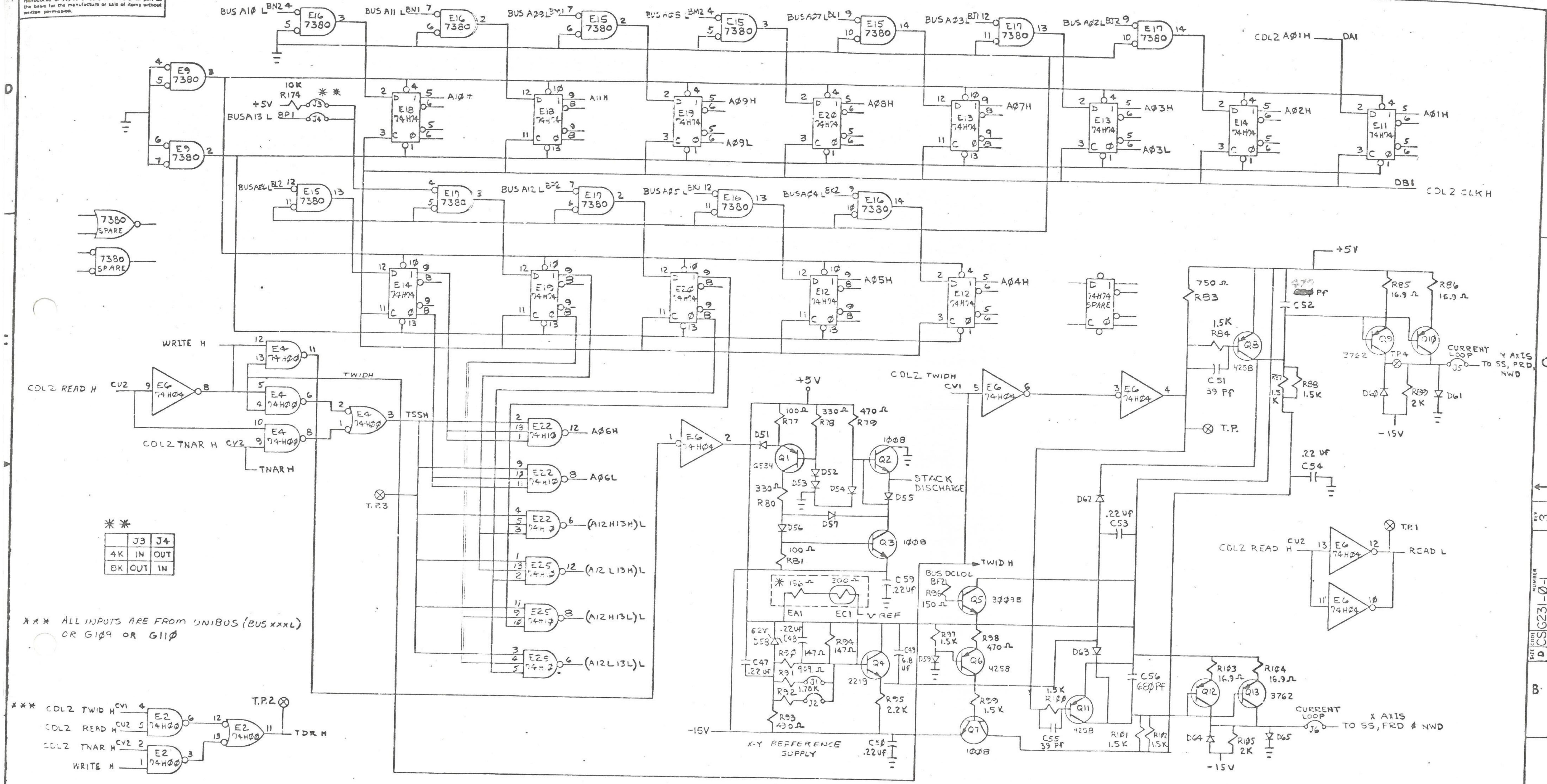
DATE 1-2-72

DATE 1/25/72

EQUIPMENT CORPORATION.

TITLE
PDP-11
MEMORY

CS G231-0-1



**

J3	J4	
4K	IN	OUT
8K	OUT	IN

*** ALL INPUTS ARE FROM UNIBUS (BUS xxxL) OR G109 OR G110

* THIS CIRCUIT IS ON STACK BOARD

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
		PARTS LIST		

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —//—

FINISH —//—

		DATE
DRN	F. Carberry	9-24-71
CHK'D	L. Kalagin	1-21-72
ENG.	P. Durant	1-25-72
PROJ. ENG.	P Durant	1-25-72
PROD	R K Peterson	-26-72

NEXT HIGHER ASSY.

SCALE —//—

SHEET 2 OF 4

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

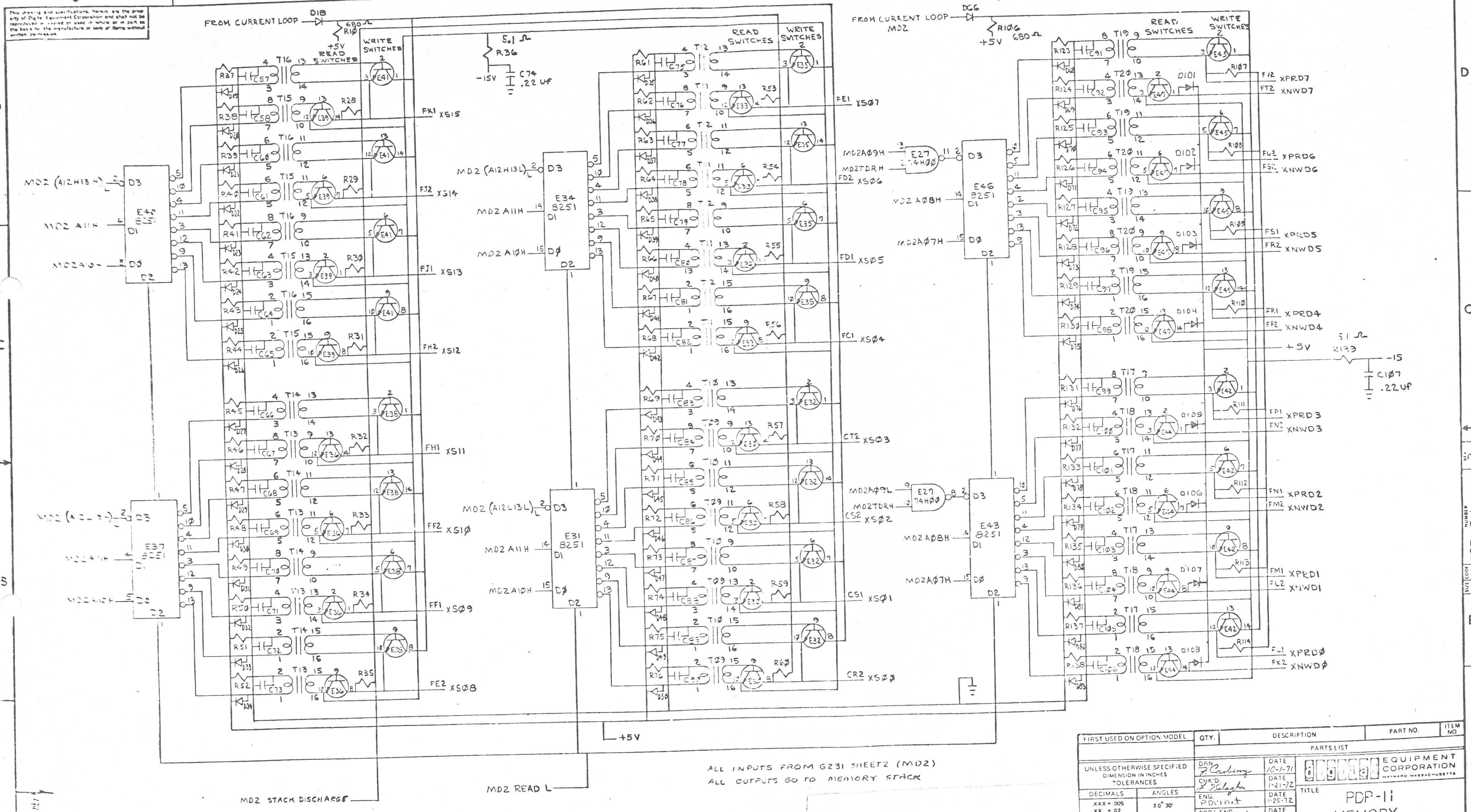
TITLE
PDP-11
MEMORY
DRIVER

SIZE	CODE	NUMBER	REV.
D	CS	G231-0-1	3A

DIST.

REVISIONS
REV
CHANGE NO
CHK

DEC FORM NO DRD 102-8



ALL INPUTS FROM G231 SHEET 2 (MD2)
ALL OUTPUTS GO TO MEMORY STACK

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —//—

FINISH —//—

DRN.	F. Carbiny	DATE 10-1-71
CHK'D.	[illegible]	DATE 1-21-72
ENG.	P. Durant	DATE 1-25-72
PROJ. ENG.	P. Durant	DATE 1-25-72
PROD.	R K Peterson	DATE 1-26-72

NEXT HIGHER ASSY.

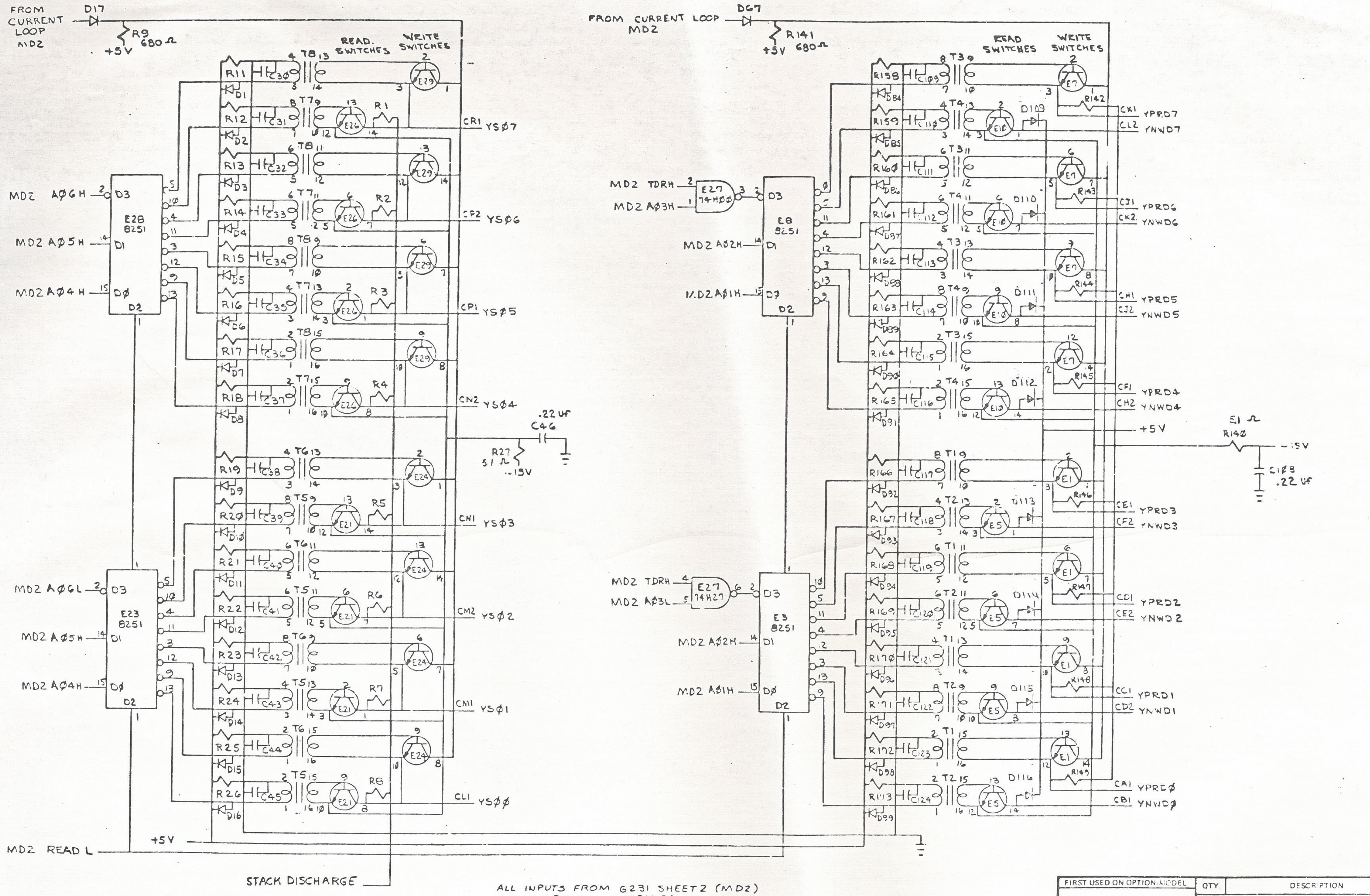
SCALE —//—
SHEET 3 OF 4

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
PDP-11
MEMORY
DRIVER

SIZE	CODE	NUMBER	REV.
D	CS	G231-0-1	3A

DIST



ALL INPUTS FROM G231 SHEET2 (MD2)
ALL OUTPUTS TO MEMORY STACK

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
		PARTS LIST		

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES.
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —//—

FINISH —//—

DRN. P. Carberry	DATE 10/5/71
CHK'D. J. Kalagh	DATE 1-21-72
ENG. P. Duvant	DATE 1-25-72
PROJ. ENG. P. Duvant	DATE 1-25-72
PROD. R. Petersen	DATE 1-26-72

NEXT HIGHER ASSY.

SCALE —//—

SHEET 4 OF 4

digital EQUIPMENT CORPORATION

TITLE
PDP-11
MEMORY
DRIVER

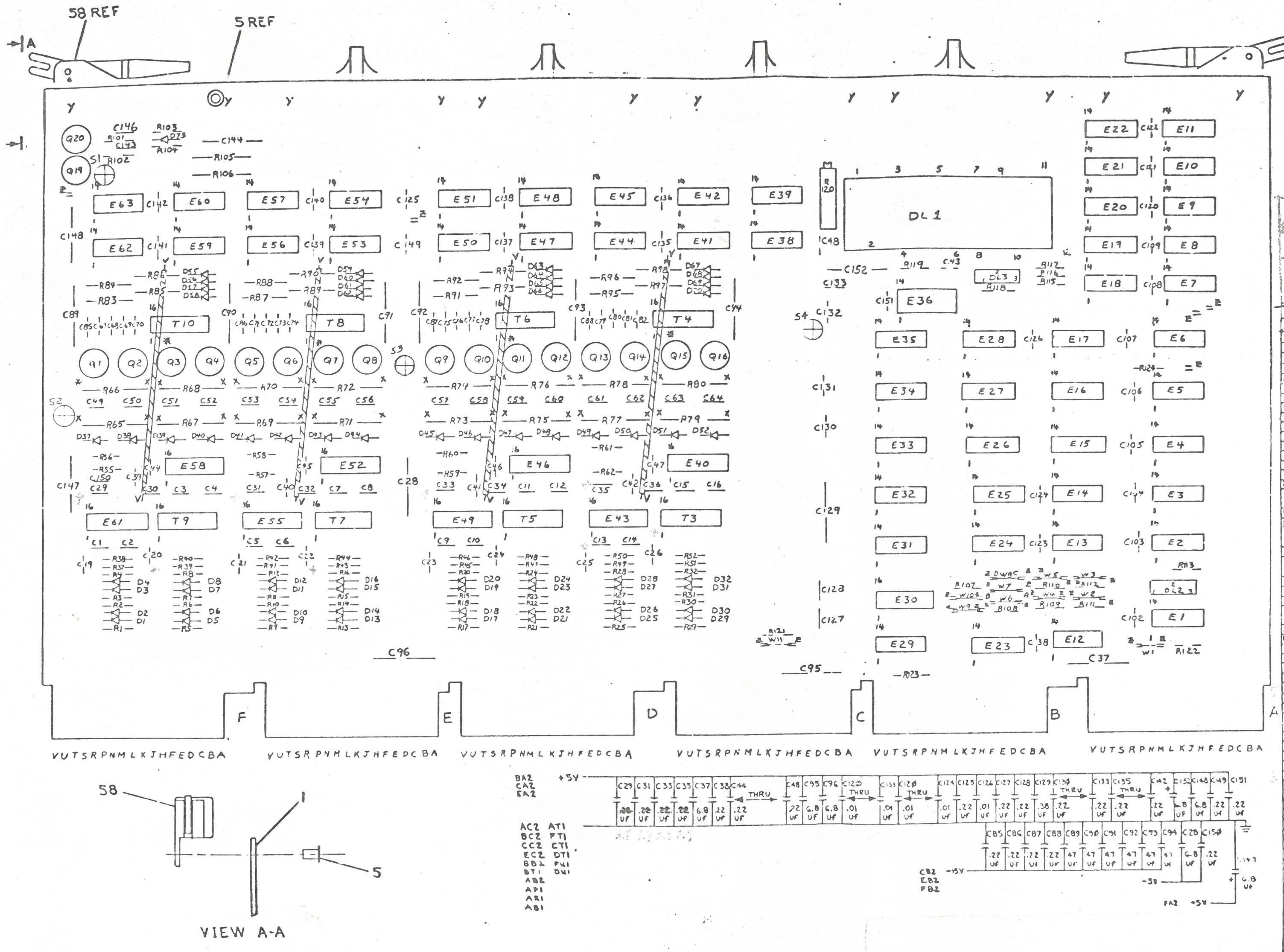
SIZE	CODE	NUMBER	REV.
D	CS	G231-0-1	3A

DIST.

REVISIONS | REV | CHANGE NO | CHK

DEC FORM NO DRD 102-B

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL RESISTORS WILL BE 82 Ω 1/2 W 5% AND ALL CAPACITORS WILL BE 120 PF 100V 5% DM
2. NOTE POLARITY OF 3.9 uF CAPS.



1
2
3
4

QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
8	C29, C31, C33 C25, C30, C32 C24, C26	3.9 uF 10V	1000064	
4		SCREW NYLON #4-40 x 3/16" L	9006401-04	67
4	S1-S4	1/4" x 7/16 L - #4-40 STANDOFF	9007236	66
*	ECCO BOND-26	USE AS NEEDED	N/A	65
16	R37-R52	RES 2K 1/4W 5%	1302368	64
1	DL3	DELAY LINE D-10100	1609559	63
2	R116, R118	RES 220 1/4W 5%	1300271	62
AR		WIRE, JUMPER # BANG STRD BLK	9107360-00	61
27		SPLIT LUGS	9006735	60
16	C1-C16	CAP 33PF 100V 5% DM	1000010	59
1		HANDLE ASSY	1210111	58
1	E33	IC DEC 74H40	1909588	57
1	E27	IC DEC 74H10	1909057	56
1	E38	IC DEC 7475	1909050	55
1	E6	IC DEC 7408	1910155	54
1	E1	IC DEC 74H55	1909083	53
1	E26	IC DEC 7402	1909004	52
1	E36	IC DEC 74121	1910230	51
2	E13, E24	IC DEC 8242	1909712	50
7	E41, E47, E53, E59, E14, E34, E38	IC DEC 7437	1910091	49
1	E22	IC DEC 74H11	1909267	48
1	E18	IC DEC 74H53	1909087	47
8	E40, E43, E46, E49, E52, E55, E58, E61	IC DEC 7528	1910687	46
6	E35, E44, E50, E56, E62, E15	IC DEC 74H04	1909931	45
11	E39, E42, E45, E51, E54, E57, E60, E63, E3, E4, E48	IC DEC 74H74	1909687	44
8	E19-E22, E5	IC DEC 74H01-1	1909849	43
8	E8 THRU 12, E23, E7, E29	IC DEC 7380	1910390	42
3	E17, E25, E31	IC DEC 7400	1905575	41
4	T4, T6, T8, T10	XFMR 5 22 DUAL LINE	1609996	40
4	T3, T5, T7, T9	XFMR (T725)	1609470 1	39
2	E2, E28	IC DEC 7474	1905547	38
1	DL1	DELAY LINE DL5183	1605579	37
1	DL2	DELAY LINE DL5184	1605578	36
16	Q1 THRU Q16	XSTR 2N3734	1510062	35
1	Q20	XSTR DEC 3009B	1503100	34
1	Q19	XSTR 2N3762	1509649	33
[illegible]	R107 THRU R112, ~~R120~~, R124	RES 4.7K 1/4W 5%	1300447	32
2	R105, R106	RES 100 1/4W 5%	1300232	31
1	R103	RES 330 1/4W 5%	1300285	30
16	R85 THRU R100	RES 13.0 .6W 1%	1310037-0-1	29
32	R1 THRU R32	RES 75 1/8W 1%	1303084	28
1	R18	RES 270 1/4W 5%	1301972	27
1	R87	RES 560 1/4W 5%	1301890	26
4	R56, R58, R60, R61	RES ~~5000~~ 1/8W 1%	[illegible]	25
3	R121, R122, R115	RES 1K 1/4W 5%	1300365	24
[illegible]	R113, R104	RES 180 1/4W 5%	1300309	23
				22
1	R117	RES 100 1/4W 5%	1300228	21
16	R83 THRU R98	RES 82 1/4W 5%	1301781	20
4	R55, R57, R59, R62	RES 19.6 1/8W 1%	1303110	19
1	R110	RES 3.16K 1/8W 1%	1303545	18
1	R120	RES 5K TRIMPOT	1305451	17
1	D73	DIODE 1N751A2	1105873	16
48	D1 THRU D32, D37 THRU D52	DIODE D672	1105275	15
16	D53 THRU D72	DIODE D664	1100114	14
15	C38, C102 THRU C109, C120 THRU C124, C126	CAP .01 UF 100V 20% DISC	10-01610	13
[illegible]	C34 THRU C42, C48, C85 THRU C88, C125, C127, C128, C130 THRU C133, C146, C149, C150, C151, C135 THRU C142	CAP .22 UF 50V 20% CERAM	1010274	12
16	C48 THRU C64	CAP .005 UF 100V 20% STAND	1001765	11
16	C67 THRU C82	CAP 1000PF 100V 5% MICA	10-00042	10
8	C21, C23, C25, C30, C32, C34, C38, C39	CAP 120 PF 100V 5% DM	10-00010	9
8	C-89 THRU C94	CAP .47UF 20V 10%	10-04814	8
9	C144, C129, C147, C148, C95, C37, C28, C96, C152	CAP 6.8UF 35V 10% TANT	10-05308	7
1	C43	CAP 39PF 100V 5% DM	1000010	6
12		EYELET GS-4-7	9006732	5
REF		MODULE ECO HISTORY	D-MH-G110-0-0	4
REF		ASSY DRILLING HOLE LAYOUT	D-AH-G110-0-3	3
REF		X-Y COORDINATE HOLE LAYOUT	K-CO-G110-0-4	2
REF		ETCHED CIRCUIT BOARD	5009709	1

PARTS LIST

IC TYPE	GND	+5V
7475	12	5
5326	9	16
7380	1	8

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

ITEM NO	AWG	FROM PT	TO PT

JUMPER LIST

DEC NO	EIA NO
1N751A2	SAME
D672	1N3653
D664	1N3606

SEMICONDUCTOR CONVERSION CHART

USED ON OPT/MOD: MMII-L

ETCH BOARD REV: C

P. DURANT 10-16-72 G110-00007 E1
P. Durant R.E. 11/2/72
R. DURANT 8-16-72 G110-00005 E
G. Durant 8-11
P. DURANT 8-10-72 G110-00004 D
P. DURANT 3-29-72 G110-00002 A
P. DURANT 1-19-72 A

EQUIPMENT CORPORATION

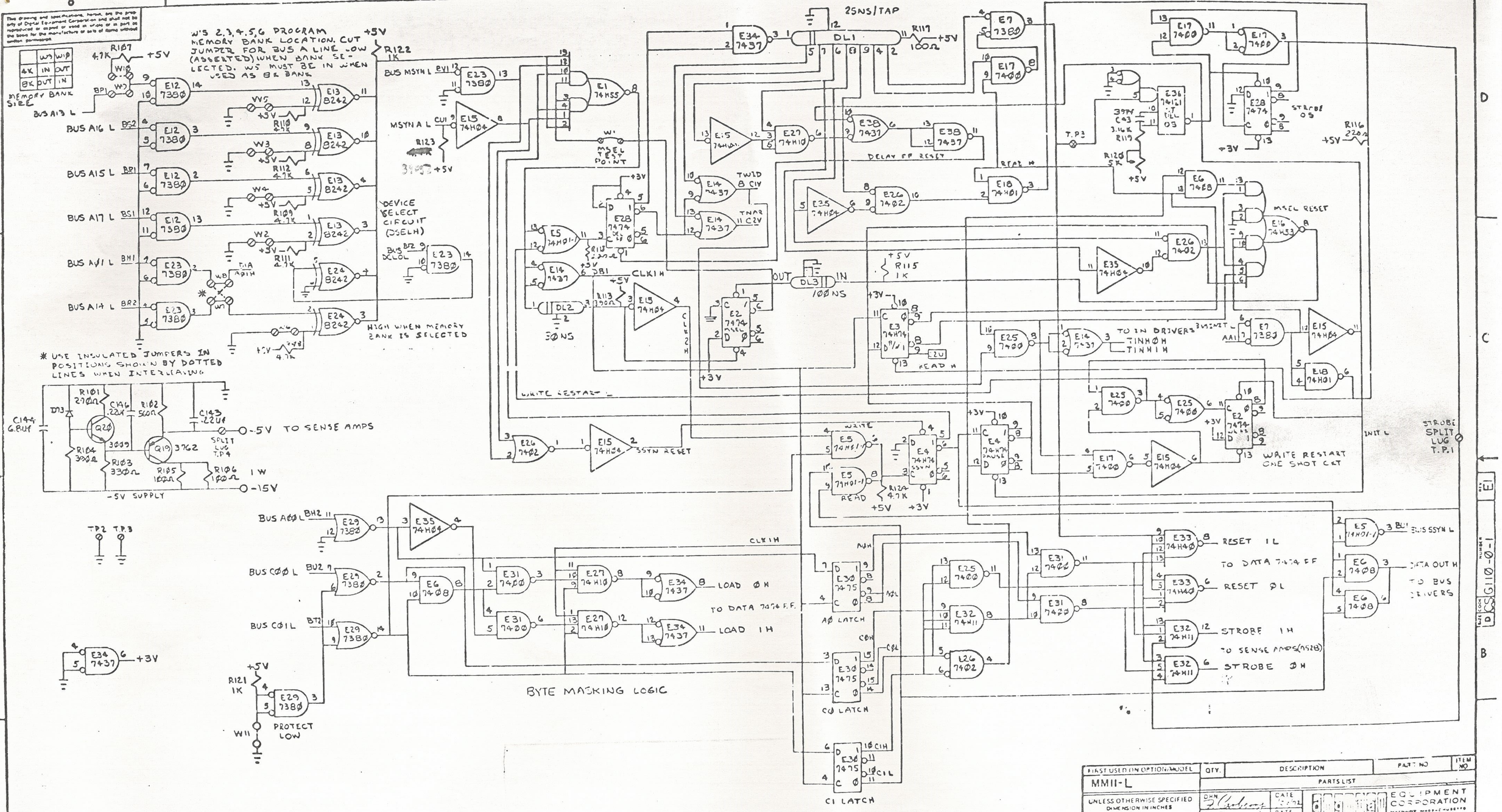
TITLE: CONTROL & DATA LOOPS

B-DD-MMII-L

SIZE: E CODE: CS NUMBER: G110-0-1

SCALE 2/1

SHEET 1 OF 4



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO	ITEM NO
MMII-L		PARTS LIST		

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
XXX = .005 XX = .02 X = .1	± 0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —//—

FINISH —//—

DRN. F. Carbone	DATE 1-5-72
CHK'D. J. Gallagher	DATE 1-5-72
ENG. Durant	DATE 1-5-72
PROJ ENG. Durant	DATE 1-20-72
PROD. R. Peterson	DATE 1-21-72

NEXT HIGHER ASSY.
B-DD-MMII-L
SCALE —//—
SHEET 2 OF 4

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
CONTROL & DATA LOOPS

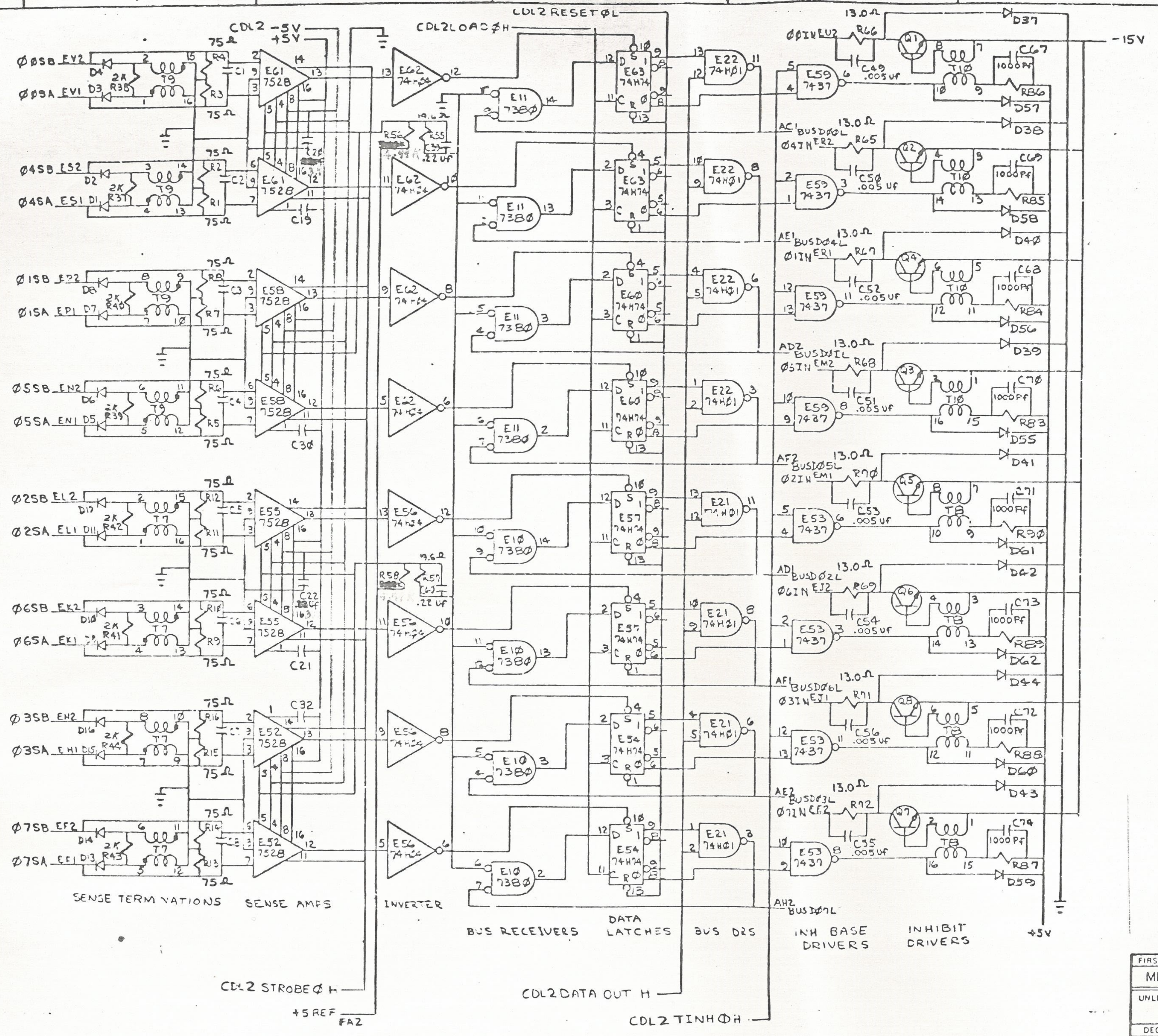
SIZE	CODE	NUMBER	REV.
D	CS	G110-0-1	

DIST

REVISIONS | REV | CHANGE NO | CHK

E-2

1X



NOTE

1 ALL SIGNALS FROM UNIBUS (BUS D00L TO BUS D07L), G110 SHEET 2 (CDL2) OR STACK (005A,B TO 075A,B AND 00IN TO 07IN)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO
MMII-L	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —//—

FINISH —//—

DRN F. Carlen	DATE 1/19/72	
CHKD J. Palafa	DATE 1-25-72	
ENG P. Dumont	DATE 1-7-72	
PROJ ENG P. Dumont	DATE 1-7-72	
PROD R. V. Peterson	DATE 1/3/72	

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
CONTROL & DATA LOOPS

NEXT HIGHER ASSY B-DD-MMII-L

SIZE	CODE	NUMBER	REV
D	CS	G110-0-1	E

SCALE —//—

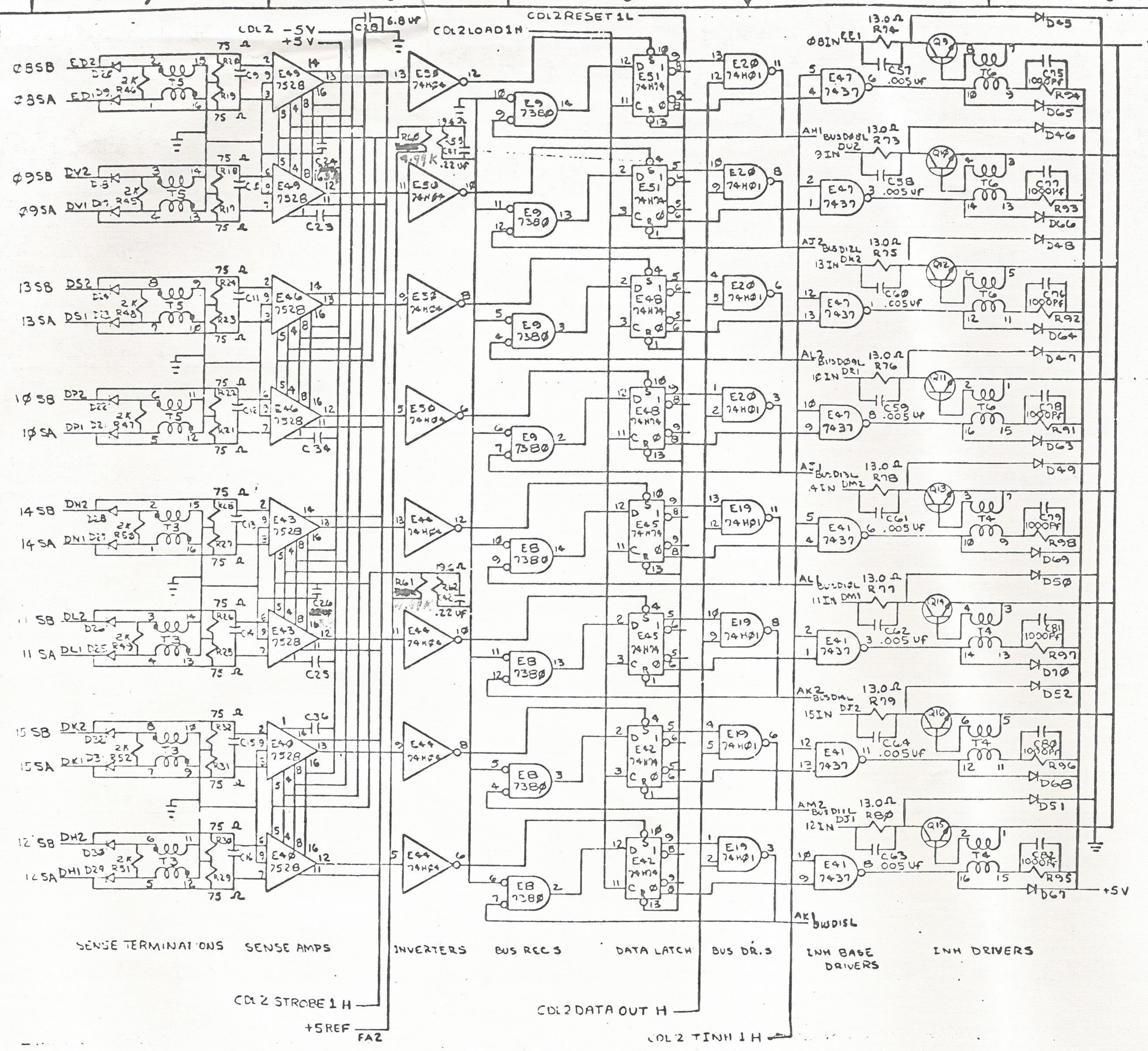
SHEET 3 OF 4

DIST

D CS G110-0-1 E1

NOTE.

1 ALL SIGNALS FROM UNIBUS (BUS D08L-D15L) G110 SHEET2 (CDL2) OR STACK (08SA,B TO 15SA,B AND 08IN TO 15IN)



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO	ITEM NO
MM11-L	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES

DECIMALS	ANGLES
.XXX ± .005 .XX ± .02 .X ± .1	± 0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

	DATE
DRN	1/17/72
CHKD	1-20-72
ENG.	1- -72
PROJ ENG.	1- -72
PROD.	1-31-72

MATERIAL —//—

FINISH —//—

NEXT HIGHER ASSY.
B-DD-MM11-L

SCALE —//—
SHEET 4 OF 4

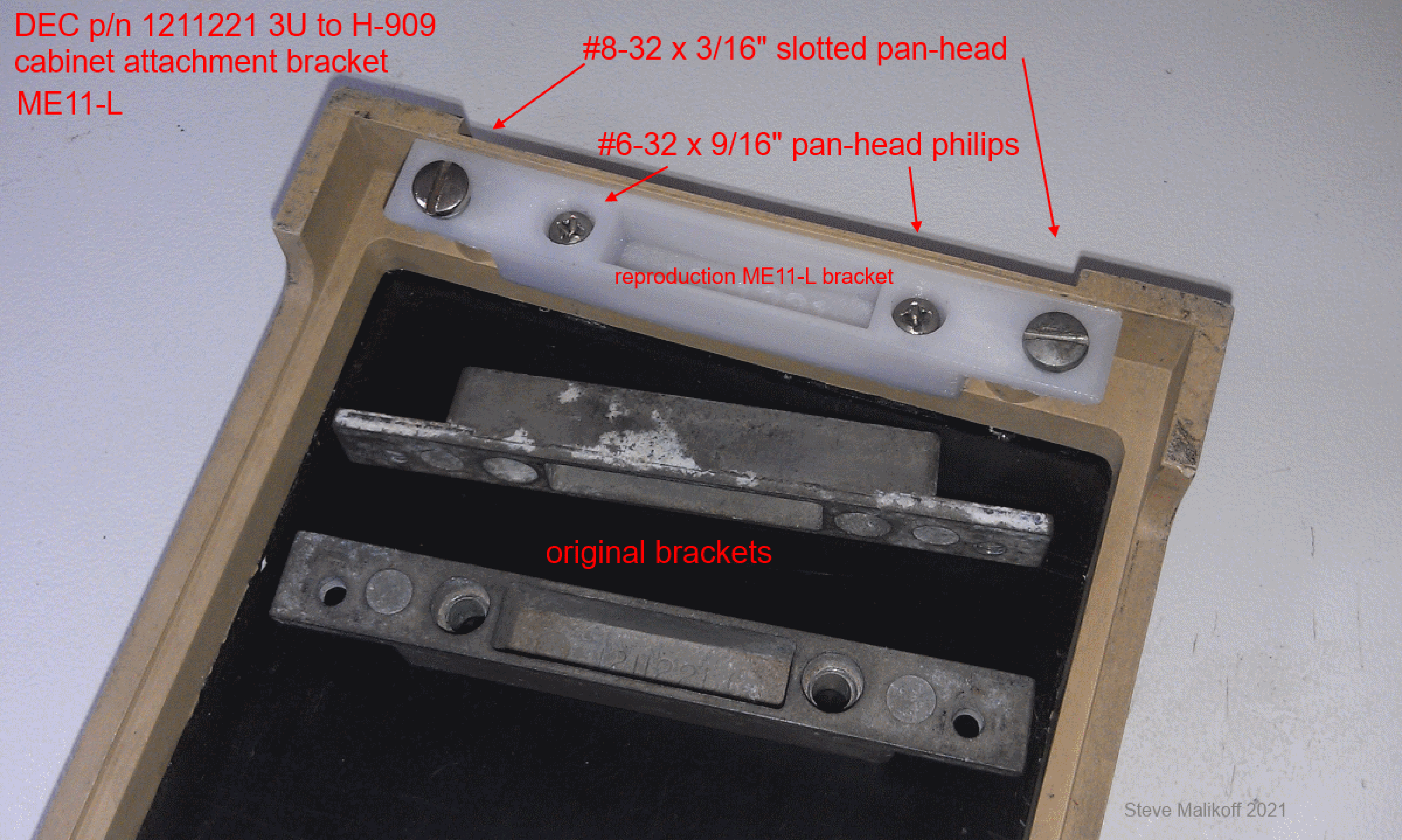
digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
CONTROL & DATA LOOPS

SIZE	CODE	NUMBER	REV.
D	CS	G110-0-1	E

DIST

E-2



DEC p/n 1211221 3U to H-909
cabinet attachment bracket

ME11-L

#8-32 x 3/16" slotted pan-head

#6-32 x 9/16" pan-head philips

reproduction ME11-L bracket

original brackets

Steve Malikoff 2021